

Services.
Software.
SOLUTIONS.

2016 Offerings

Botonomy

Times Change. Technologies Change. **PRINCIPLES DON'T.**

Botonomy has been a Python shop that follows strict adherence to lightweight Agile practices since we first opened for business in 2005.

Smash cut to 2016, and the IT world has simultaneously changed and stayed the same.

Computers are faster and cheaper. Software is more powerful.
But human nature remains startlingly consistent.

We follow an Agile delivery methodology because it is the best way to build software **with** and **for** other **people**. This matters because we believe that software development is fundamentally a social exercise.

As you skim through the offerings described in this document, please note that while our services may cover a wide gamut of the IT spectrum, everything that we do has common root in our belief in Agile delivery, as it has served us and our customers well for the last decade.

MIKE + CHRISTIAN

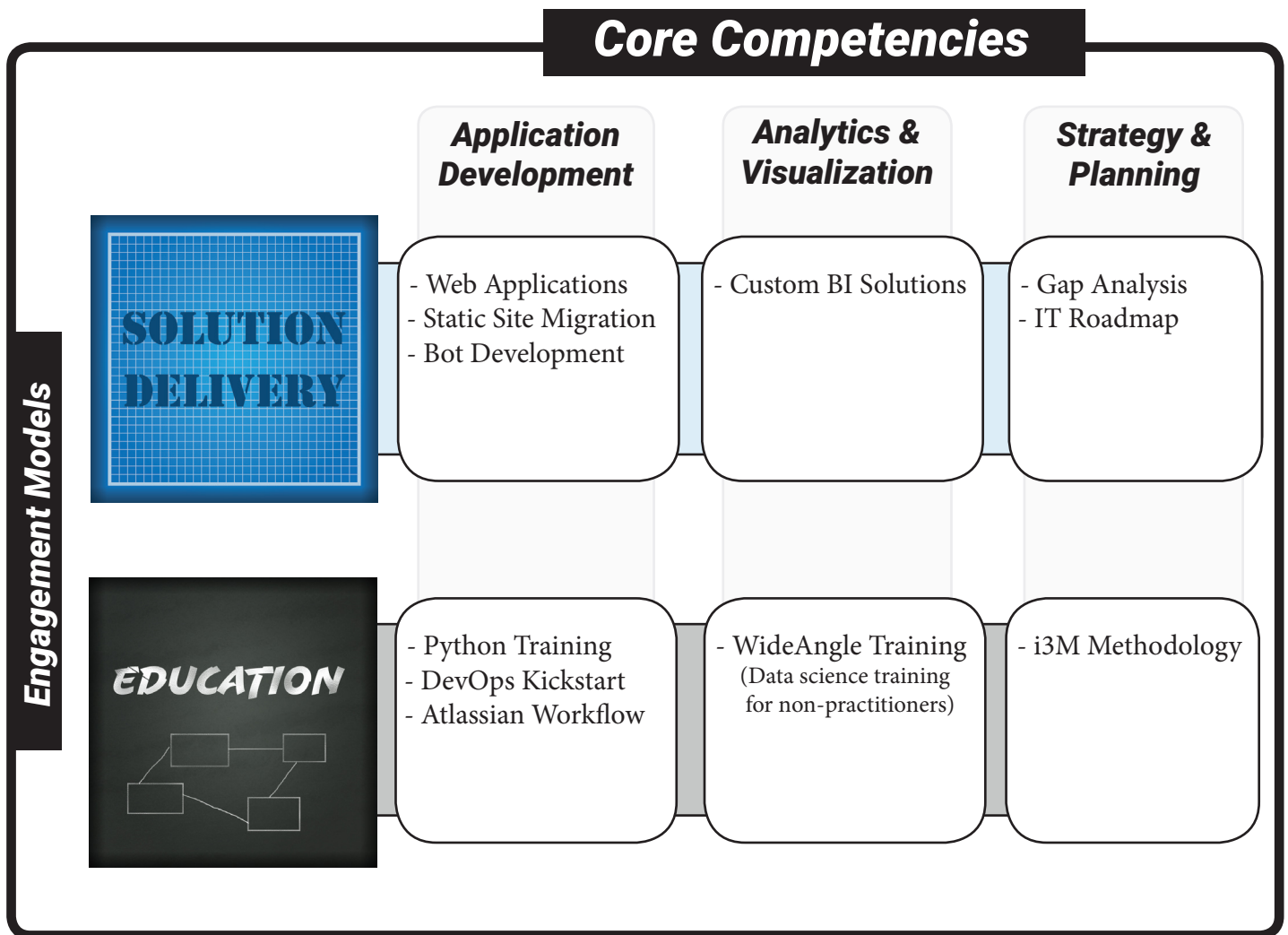
Mike Coyle and Christian Simms
Co-founders, Botonomy LLC

Three Core Competencies.

Two Engagement Models.

One-stop Shopping for your Next IT Initiative.

Our service offerings fall into three broad areas: Application Development, Analytics, and Strategy. In each of these areas, we offer project-based solution delivery and training services, as illustrated in the diagram below:



Application Development



Education

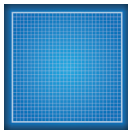
DevOps Training: We can help your team embrace pragmatic automation techniques to improve the velocity and reduce delivery risk in your software development projects

Atlassian Training: We are users and advocates of the Atlassian family of tools (JIRA, Confluence, BitBucket, etc.) and the project management techniques that they support. We can help your team employ the Atlassian suite to meet your IT and non-IT workflow needs.

Python Training: Looking to embrace Python for your next project? We have been a Python shop since 2005, and can help your team get up to speed quickly while embracing best practices from day one.

If I have seen further, it is by standing on the shoulders of giants.

- Isaac Newton



Delivery

Web Application Development: We have many years experience successfully delivering full-lifecycle software development projects using agile planning and development techniques. We design web applications that are intuitive to use on desktop and mobile devices, adherent to web standards and best practices, and are engineered from the ground-up to play nicely with automated testing tools.

Static Website Conversion: Migrating your websites and weblogs to a static hosting configuration results in significantly faster load times for your customers, less infrastructure for your team to manage, and fewer attack paths for hackers to exploit.

Bot Development: Do you want to build a chat-based interface to your key business processes for your employees, customers, or business partners? We can jumpstart the development of your next Slack and/or HipChat automated agent using our SurusBot framework. It handles the heavy lifting of conversational semantics, semi-structured data management, and analytics.

~~Buzzwords~~ *Relevant Technologies: Python, AngularJS, Oracle, PostgreSQL, Docker, Slack, HipChat, JIRA, Confluence, BitBucket*

Analytics & Visualization



Education

Data Science Training for Managers and Knowledge Workers

We believe that the modern enterprise needs to consider data science a core competency and a pillar of its broader company culture alongside its commitment to quality and customer service.

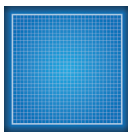
To this end, we help forward-thinking professionals understand the concepts, language, and potential of data science within their own organization. We do so by providing a simple framework and methodology to streamline the intake, comprehension, and application of data science concepts.

We have developed a better way for normal people to internalize data science fundamentals without getting mired down in low-level math, statistics, and software development details that are neither relevant nor useful to people interested in data science from a non-practitioner perspective.

Visit www.WideAngleTraining.com for more information.

*War is
ninety percent
information.*

- Napoleon Bonaparte



Delivery

Custom Business Intelligence Solutions: Python has a rich ecosystem of Open Source tools and libraries that span the end-to-end predictive analytics lifecycle and play nicely together, from data preparation (pandas) to interactive data exploration (jupyter), to Visualization (matplotlib), to Machine Learning (scikit-learn).

Many of the problems that historically have been relegated to SAS and R programming environments can now be easily handled without leaving Python.

We can help you define and implement the user-facing reports and the input pipeline required to generate them. And when our engagement is complete, your internal team will have the tools and knowledge required to run and maintain your analytics infrastructure on an ongoing basis.

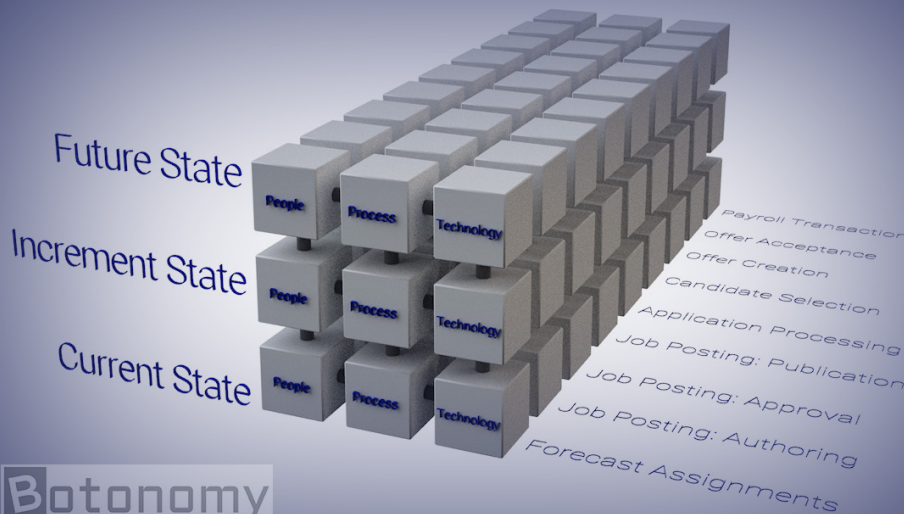
~~Buzzwords~~ *Relevant Technologies: Pandas, Scikit-learn, Matplotlib, Jupyter, NumPy*

Strategy & Planning

Education

Our **incremental Maturity Migration Model** (“i3M”) helps your team plan gradual improvements to your systems and operations by making it easier to understand how the People, Process, and Technology aspects of incremental change relate to one another in the context of multi-step business workflows. This approach uses three-dimensional space to decompose and analyze the complex relationships among the moving parts of an organization undergoing incremental change.

incremental Maturity Migration Model (i3M): Academic Resource Planning Example



I've been working on a plan...I'll hide under some coats, and hope that somehow everything will work out.

- Homer Simpson

Delivery

Gap Analysis Engagements: Are you considering replacing a portion of your current infrastructure? A Gap Analysis engagement can be helpful for three reasons: First, it can provide a venue for discussing and cataloging the operational challenges that the status quo presents. Second, it introduces a fresh set of eyes and ears to ask questions and make unbiased observations. And lastly, the work product of a Gap Analysis engagement can jumpstart the assembly of a Request For Proposal (RFP) if that is the next step for your organization.

Technology Roadmap: Are you looking to refresh your IT portfolio so that you can more easily meet the demands of external and internal customers alike? We can help you identify a low-risk path forward in the adoption of Bots, Container-based deployment (Docker), ChatOps, mobile web, and Open Source solutions.



Let's Talk

If you would like to find out more about our capabilities and how we may be of assistance to you and your organization, please email us at **info@botonomy.com**, or give us a call at **(888) 776-5747**.

We look forward to speaking with you.