

# Tony Abraham

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http://aplot.com/portfolio

## Education

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### **University of California, Berkeley**

Master of Information and Data Science in 2015

As part of the inaugural class in this innovative program, I completed vigorous graduate-level coursework in statistical analysis, data processing at scale, field experiments, interactive data visualization, machine learning, web services deployment, and natural language processing.

Tags: **Hadoop, Spark, Python, R, AWS, Softlayer, D3, Tableau, Charts.js**

### **DePaul University, Chicago**

Graduate Courses in UI Design, User Testing, and 3D Graphics in 2012

### **University of Maryland, College Park**

Bachelor of Science in Computer Science with Minor in Rhetoric in 2006

## Work Experience

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### **The Jellyvision Lab, Inc.**

Front-End and Data Developer from 2014 to Present in Chicago, IL

- + Implemented, tested, and deployed analytics pipeline in healthcare web application used by millions of users for annual employee benefits enrollment
- + Built client dashboard front-end using Highcharts and Facebook React
- + Developed JavaScript SDK that managed asynchronous calls to PHP and Rails APIs

Tags: **BackboneJS, React, Highcharts, Ruby, AWS, CouchDB, MySQL**

### **Branchfire, Inc.**

UI Developer and Designer from 2011 to 2013 in Chicago, IL

- + Coded Objective-C for iAnnotate PDF, an iPad document mark-up app predominantly in the 100 highest grossing apps
- + Coordinated design, user testing, and engineering for all UI improvements
- + Launched the first iteration of Branchfire's blog with user interviews and press releases

Tags: **Objective-C, XML, UI/UX, HTML5, PDF, Agile, WordPress**

### **WBEZ: Chicago Public Radio**

Web Visualization Intern from 2010 to 2011 in Chicago, IL

- + Designed and coded online interfaces using PHP, jQuery, and RaphaëlJS to visualize Chicago election results and the decline of midwestern manufacturing

Tags: **PHP, jQuery, Drupal, RaphaëlJS, Public Broadcasting**

### **Chicago Winter Company, LLC**

Litigation Graphics Consultant from 2007 to 2010 in Chicago, IL

- + Crafted narratives and visualizations that translated complex technical data into impactful presentations for commercial disputes and intellectual property litigation

Tags: **Illustrator, Photoshop, Flash, PPT, Data Mining**