

SUMMARY

7+ years of leading teams of up to 30 people and 8+ years of programming experience (JavaScript, PHP, some Ruby, Python, Scala, and several others) in cloud technologies, communications, graphics, data visualization, and investing. In that time, I've written software that has been downloaded hundreds of thousands of times, led a game development team to almost 50 international awards, co-founded a \$2M+ venture capital fund, wrote a book, and led over 30% YoY growth in Acquia Cloud.

EDUCATION

University of Pennsylvania, Wharton 2014 – B.S. of Economics concentrating in Management (Entrepreneurship and Innovation) and Operations (Information Systems); Computer Science minor. Graduated Cum Laude; Overall GPA: 3.41; In-Major GPA: 3.91

Pace Academy – Top 10 in class, graduated with high honors

SAT – 2400 out of 2400

EMPLOYMENT

Acquia: Product Manager (June 2014-current): I lead a new product that will launch in 2016. Before that, I was responsible for the primary Acquia Cloud product, which is a platform and suite of tools used to build, run, and manage some of the largest websites on the internet. I manage day-to-day operations, product strategy and roadmaps, go-to-market, sales enablement, talking to customers, pricing & packaging, partnerships, etc. I also designed Acquia's first Product Process and created initiatives to facilitate cross-functional communication. Previously held internships in product marketing and software development, where I designed strategy and marketing materials for an acquisition, individually built Acquia Commons 2 (social business software), won a Golden Drop award (similar to employee of the month), and was the first recipient of a \$2500 scholarship for outstanding contributions.

Dorm Room Fund: First Founding Investment Partner (2012-2014): I co-founded a student-run venture capital fund that invests over \$2 million from First Round Capital into student-run startups. I met with founders, made investment decisions, coordinated events, and helped operate the fund. I also designed and documented a lot of the Fund's day-to-day processes.

Twitter: Big Data Software Engineer (Summer 2013): Built data processing and visualization tools for Zipkin, Twitter's open-source tracing system monitoring millions of updates per second. Projects included a Firefox extension for real-time visualization as well as extending the storage system to support SQL database engines. Also led a team that designed and implemented photo galleries during Hack Week.

First Round Capital: Platform Intern (Summer 2012-2014): Built a web platform to track over 200,000 startups from public and proprietary sources; created a mobile app to expose insights from that data; developed a curriculum for a Working with Developers class; participated in pitch/funding discussions.

Community Bonus Pack (CBP3): Co-leader (2007-2012): Assembled the team of over 30 people from 11 countries; managed media outreach; built the website; facilitated communications and development; ensured quality. The team won 49 international game development awards among other recognition.

Freelancing: Consulting and web development (2009-2012): Assisted scores of startups and small companies with developing their technology platforms and strategy.

University of Pennsylvania: Teaching Assistant, Computer Science 120 (Spring 2011): Helped design a new curriculum for the course in OCaml and Java; wrote 2 of 10 major assignments; wrote a guiding text for the first half of the course; taught a recitation once a week; graded assignments; held office hours.

Mediacurrent Interactive Solutions: Web Developer (Summer 2010): Wrote new time tracking software; created tools for writing project proposals; worked on redesigning mediacurrent.com and client websites including the Miami Dolphins; completed an on-site audit of a large client website.

TECHNOLOGIES

Expert in JavaScript, PHP, HTML5, CSS, Drupal, Canvas, WebGL, Firefox and Chrome extensions and scripts
Proficient in Python, Scala, Java, MySQL

Prior experience in Ruby, Rails, Node, OCaml, MATLAB, PostgreSQL, SQLite, WordPress

PUBLISHED BOOKS

Game Development with Three.js (2013, Packt Publishing): learning 3D web-based game development

SELECTED PROGRAMMING PROJECTS

Drupal Modules: Authored 20+ add-ons including *Facebook-style Statuses*, totaling over 100,000 downloads.

THREE.Terrain: A 3D procedural terrain generation engine.

UnShopMe: Shop and chat with others in a virtual world in your browser.

Logstream Chrome: streams the logs you generate from your servers to your browser as you visit your site.

RESEARCH

Effects of Employee Resource Allocation in High-Growth Companies: How does scaling up the number of employees affect scaling up revenue growth, and vice versa? – Wharton Research Scholar (2012-2013)

PRESENTATIONS

"Web Graphics" – *PennApps* (2014)

"Product Development for Non-Technical Founders" – *Dorm Room Fund* (2013)

"How to Start a Web-based Startup" – *Wharton Undergraduate Entrepreneurship Club* (2012)

"Advanced Game Programming Techniques" – *Computer Science 120* (2011)

"Social Networking in Drupal" – *SouthEast LinuxFest* and *Atlanta Drupal User Group* (2010)

ADDITIONAL AWARDS AND ACHIEVEMENTS

Certified Scrum Product Owner (2016-2018) demonstrating proficiency in Agile product owner methodology

Wharton Dean's Award for Innovation (2014) recognizing the graduating senior who has contributed the most to innovation on campus

Wharton Research Scholar (2012-2013)

Bell Society Co-Founder: a senior society for technologists and entrepreneurs (2014)

Kairos Society Fellow: a global society for entrepreneurs (inducted 2012)

Wharton Undergraduate Entrepreneurship Club: Board member (2010-2012)

Phi Kappa Psi: Gentlemen, Leader, Innovator Scholarship Award, 2nd place (2011)

Google Summer of Code Mentor for the Facebook-style Micropublisher Drupal module (2010)

English Department Most Outstanding Student Award (2010)

Published 3 poems in *WEBS* and *Knight Gallery* literary magazines (2009-2010)

Published 4 short stories in *Wayfarer's Diary*, *Knight Gallery*, & *Soy Nut Butter* literary magazines (2007-2009)

Gold Key Award, National Scholastic Arts and Writing Competition for the short story *Friends* (2009)

Model UN: 10 awards at 8 conferences (2006-2010)

Math team: 11 team and individual awards (2006-2010)

Cross Country: Captain, 4-year varsity athlete (2006-2009); Lifetime Achievement Award (2009)

AP Scholar with Distinction (2009)

National Merit Finalist (2009)

Cum Laude Honor Society inducted 2009

National Honor Society (peer-elected chapter President) inducted 2009

Mu Alpha Theta National Mathematics Honor Society inducted 2009