

EXPERIENCE

Microsoft (Aug. 2015 – Present)

Microsoft Student Partner

- Host and lead workshops on latest Microsoft technologies and represent Microsoft's brand at Dartmouth College.
- Attend training and work alongside Microsoft professionals to grow the Microsoft developer community on campus and online.

HackDartmouth (May 2014 – Present)

Co-Director

- Co-founded Dartmouth College's student-run hackathon program, a collaborative effort between student groups, Dartmouth-affiliated organizations, and third-party sponsors to foster technology enthusiasm and entrepreneurship at Dartmouth.
- Actively direct and lead teams responsible for raising over \$40,000 in capital via sponsorship contracts, developing technical infrastructure and assets, financial planning, program engagement and outreach, and logistics.

Wamda (Jun. 2015 – Aug. 2015)

Data Analytics Intern

- Applied statistical methods to identify and analyze empirical trends using data on Middle Eastern/North African startup markets.
- Developed Python scripts using the NumPy library to parse data and implement quantitative analyses.

Dartmouth College (Jan. 2015 – May 2015)

Undergraduate Researcher

- Designed and implemented spatial analysis algorithms with Professor Paul Novosad to determine the impact of government policies and intervention on economic development in varying political constituencies across India.
- Developed a statistical analysis toolkit in MATLAB/QGIS/Stata for internal use by Professor Novosad's research team.
- Onboarded new research assistants to Professor Novosad's team to the work environment and task-specific best practices.

BlueFractal (June – Aug. 2013)

Technology and Business Development Intern

- Interviewed executives of client firms to gather insights on client business operations for inclusion in final deliverables.
- Performed UI/UX testing of technical assets for delivery to clients.

PROJECTS

FotoCloud (Aug. 2015 – Present)

- FotoCloud is a multiplatform application that automates photo uploads and sharing within friend groups and makes travel/friend suggestions based on shared photo data. Built a full-stack web application using Node.js and Firebase.

DTextchange (Mar. 2014 – Present)

- The DTextchange is a web-based service conceived to facilitate a secondary market among Dartmouth students for used course materials and create mutually beneficial deals between buyers and sellers. Developed using the Flask framework.

DartSync (May – June 2014)

- Collaborated with four teammates to develop a distributed file-synchronizing system featuring delta file-uploads, Adler-32 checksumming, and a graphical visualizer for CS 60: Computer Networks. Written in C and Python.

TinySearchEngine (Jan. 2014 – Feb. 2014)

- Engineered a Unix command line search engine consisting of a web crawler, page-ranking indexer, and query engine for CS50: Software Design and Implementation at Dartmouth College. Written in C with unit testing in bash script.

EDUCATION

Dartmouth College, Hanover, NH (Sept. 2012 – June 2016)

Bachelor of Arts: Computer Science and Economics

- Applicable coursework: Programming and Computation, Data Structures, Software Design, Computer Networks, Computer Architecture, Computational Methods, Electronics Engineering, Linear Algebra, Differential Equations, Econometrics
- Activities: HackDartmouth, Hacker Club, Global Village, Università Bocconi Exchange, Street Soul urban dance troupe

Santa Monica High School, Santa Monica, CA (Sept. 2008 – June 2012)

- Awards: Class of 2012 Salutatorian, National AP Scholar, Varsity Cross Country/Track and Field Letterman

ADDITIONAL INFORMATION

- Fluent in Mandarin Chinese, professional working proficiency in Spanish and Italian, limited proficiency in French
- Proficient with Python, C, Objective-C, Java, JavaScript (including jQuery), HTML5, CSS3, Matlab, SQL, Stata, GIS