Avi Vaid

http://avaid96.com/
avaid1996@gmail.com | 224.334.9394

EDUCATION

NORTHWESTERN UNIVERSITY
COMPUTER SCIENCE, ECONOMICS
Kellogg CPU - FIN. ECON.
Expected Jun 2018 | Evanston, IL
Cum. GPA: 3.78 | CS GPA: 3.91

AWARDS

Dean's list (7/9)
Federal Reserve Policy Challenge:
Winners (Midwest), Hon. (National)

ON CAMPUS

Residential Assistant (2015-16)
Associate Consultant, NUIT (2014-15)
Director of Fundraising, LEND (2014-16)
Northwestern Wildcats Club Tennis
Northwestern Cricket Club

SOME COURSEWORK

Networking Systems
Database Systems
Computer Systems
Digital Forensics
Artificial Intelligence
Machine Learning
Algorithms
Software Construction
Behavioral Economics
Corporate Finance
Investments
Derivatives
International Finance
Industrial Economics
Advanced Econometrics

SKILLS

PROGRAMMING
Python • Golang • C++ • C
JavaScript • Java • LISP • LaTeX
DEV TOOLS
Docker • Git • Linux/Unix • Vim
OTHER
React-Native • Flask • Node • TensorFlow
• Digital Forensics • MYSQL • NoSQL
ECON/FINANCE
• Behavioral Economics • Portfolio
management
• Derivatives
• International Finance
• Corporate Finance/Valuation

EXPERIENCE

🏠 | NEXTDOOR INC | INCOMING SOFTWARE ENGINEERING INTERN
June 2017 – Sep 2017 | San Fransisco, CA | Growth and Monetization team

🐳 | DOCKER INC. | SOFTWARE ENGINEERING INTERN
June 2016 – Sep 2016 | San Fransisco, CA | Golang, C, Bash, Docker
- Worked on the security team on Notary - ensures trust over arbitrary collections of data, securing software updates
- Implemented a cross-platform solution for native storage of key data in Notary
- Contributed to multiple (Docker and vendor) projects to make this solution possible
- Fixed multiple open issues for Notary on production releases. All code was tested, reviewed, perfected, and pushed to production

NU-ISBE TECH | DIRECTOR OF TECHNOLOGY
Sept 2015 – Present | Evanston, IL | Python, JS, Docker, CI/CD, Git
- Directly led 3 projects as a PM - Facebook Messenger Bot for TedX; Web app to display dining hall hours; Basic website for Evanston business
- Led tutorials on Git, Heroku, Network Programming, Python, Web app development, Machine learning, etc for a group of 15 students

ASHISH GROUP | PROJECT MANAGEMENT INTERN
June 2015 – Sept 2015 | Evanston, IL | Real Estate Project Management
- Organized projects of 2 projects of 2Mn square feet in prime Mumbai neighborhoods. Handled scheduling, marketing and sales from a PM role

RESEARCH

NORTHWESTERN | RESEARCH SOFTWARE ENGINEER
Jun 2017 – Apr 2017 | Evanston, IL | Python, Javascript
- Worked in Prof. Marcelo Worsley's Tech Innovation for Inclusive Leaning and Teaching lab
- Developed the first version of MUDCAT - a software to make multimodal data capture and processing more accessible to all
- Created a prototype drag and drop web app for creating runnable data pipelines based on a user's choice of sensors

TEACHING

NORTHWESTERN | TA FOR EECS349 (MACHINE LEARNING)
Mar 2017 – Jun 2017 | Evanston, IL | Python, Tensorflow, Machine Learning

SELECT PROJECTS

Year	Role	Description
2017	Creator & PM	Created a Facebook messenger bot for TedXNorthwestern
2016	Winner	Uncommon Hacks, UChicago - Twilio category
		Synthesize music given a text message (Python, Sentiment)
2015	Winner	HDFC Bank Social Media Hackathon, Mumbai
		Built social media mining tools to enable DRM (Python)
2016	Contributor	Stanford Crowd Course Initiative
		Co-published an Intro to Algorithms course
2016	Creator	Published a chrome ext. to display Facebook news summaries