

Yousef Issa

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EDUCATION

NORTHWESTERN UNIVERSITY

BS IN COMPUTER SCIENCE

Expected June 2020

Evanston, IL

Major GPA: 3.75/4.0

LINKS

Github:// [yousefissa](#)

LinkedIn:// [yousefissa](#)

COURSEWORK

Data Structures & Algorithms

Computer Programming I & II

Mathematical Foundations

of Computer Science

Human Computer Interaction

Computational Photography

Machine Learning

Artificial Intelligence

Intro to Computer Systems

Blockchain

QUALIFICATIONS

PROGRAMMING

Python • JavaScript • C#

C++ • NodeJS • HTML/CSS

Express • Mongo • Matlab

Racket • Swift • MySQL

TECHNOLOGIES

AWS • Google Cloud • Azure

Mac OSX • Linux • Windows

Agile/Scrum • Git • Arduino

AWARDS

2018 KPCB Engineering Fellow

Annexstad Scholar

Balanced Man Scholar

Johnson Scholar

CLUBS

NSBE: Exec & JEB

Dodgeball & Soccer

EPIC: Launch

McSA

.dev

PATENTS

System And Method Providing

Access To Store Of Unified

Disparate Electronic Comm.

Systems With Task Generation

System - Pending

EXPERIENCE

ZUMPER | SAN FRANCISCO, CA

KPCB Engineering Fellow & Software Intern | June 2018 – September 2018

- Designed, built and deployed Zumper's first programmatic ad product that allows over 300,000 landlords to promote their rental listings.
- Expanded Zumper's search platform by introducing tens of thousands of new property listings through the integration of external listing feeds.
- Constructed a system to display average landlord response time, placing 4th in the company hackathon.
- Used Python, Javascript, Django, AngularJS, React and Postgres.

CENTER FOR CONNECTED LEARNING | EVANSTON, IL

Python Developer | October 2017 – June 2018

- Redeveloped the Netlogo web application, a popular open source modeling tool, utilizing Python, JavaScript, PostgreSQL, and HTML/CSS stack.
- Implemented new simulation behaviors while redesigning the GUI and Web code editor to provide advanced IDE and modeling features.

FULCRUM GLOBAL TECHNOLOGIES | CHICAGO, IL

Software Engineering Intern | June 2017 – October 2017

- Acted as product manager to design and pitch a message aggregation platform using natural language processing to the CEO.
- Led the backend development utilizing NodeJS, Mongo, Socket.IO to read messages from messaging clients and send to the server.
- Handled message encryption and storage on the client and server side.

HOUSE OF CARTS | EVANSTON, IL

Founder | December 2016 –

- Founded the largest online sneaker-programming community, generating over \$500,000 profit in 1 year from over 1000 paid members.
- Developed a variety of software, both open and closed source, to automate and assist with the purchasing limited sneakers and products.
- Designed and built a website with NodeJS, Express & MongoDB to handle member data, third party APIs and provide an optimal user experience.

NORTHWESTERN UNIVERSITY | EVANSTON, IL

Teaching Assistant | April 2017 – June 2017

- Gained experience assisting students with programming fundamentals in a Python based class.
- Lectured, graded exams, and held office hours to ensure students firmly understood the course concepts.

LEADERSHIP EXPERIENCE

.DEV | FOUNDING SOFTWARE OFFICER

January 2016 –

Created an organization that connects motivated software developers by creating a team-based community allowing students to develop technical skills through real-world experience & projects. Led technical workshops & software development.

NATIONAL SOCIETY OF BLACK ENGINEERS |

TELECOMMUNICATIONS CHAIR | SEPTEMBER 2016 – SEPTEMBER 2018

Developed and managed a website to display all information on NSBE programs and campaigns. Implemented systems to achieve and maintain computer and technology literacy among the members.

WILDTEA | FOUNDER

September 2016 – September 2018

Founded Northwestern's only student-run bubble tea company that brings tea directly to campus via catering orders and a stationed cart.