

Sruthi Jayanti

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EDUCATION

University of Illinois at Urbana-Champaign, Grainger College of Engineering
B.S. in Computer Science | GPA: 3.74/4.00

Champaign, IL
August 2018 - December 2021

Coursework: Data Structures, Algorithms, System Programming, Artificial Intelligence, Computer Architecture, Discrete Structures, Machines Data & Python, Probability & Statistics, Numerical Methods, Social & Info Networks

EXPERIENCE

M1 Finance, *Android Dev Intern – Chicago, IL*

May 2020 – August 2020

- Directed product research, design, engineering, and release across 3-platform teams for \$53M Series B Fintech Startup
- Implemented reset password feature in Android app, through MVP architecture in Java and Kotlin, involving new deep link support, GraphQL integration, and token management
- Revamped and cleaned tech debt in integral, high-traffic biometric authorization flow executed 1M+ times daily by thousands of users

AbbVie, *Data Science Intern – Abbott Park, IL*

May 2019 – August 2019

- Queried Google APIs to harmonize clinical trial site names across multiple 500K+ record databases in order to train machine learning models for clinical trial optimization of biopharmaceutical products
- Matched remaining unstandardized site names by calculating string similarity ratios in Python

PROJECTS

COVID-19 Unemployment Toolbox, *Software Developer*

June 2020 – Present

- Developing unique tool that consolidates job search feature and unemployment resource map into single web app constructed in HTML/CSS and JavaScript, while providing clean user experience and visuals
- Extracted data from GitHub jobs API to query and display jobs with Google Maps, Geolocation, and Places APIs

World Medical Students Association Web App, *Software Developer*

May 2020 – Present

- Collaborating with World Medical Students Association to connect people in Dschang, Cameroon with COVID-19 volunteering and relief opportunities by building web app in HTML/CSS

Liar Liar Lie Detector, *Software Developer – Champaign, IL*

November 2018 – March 2019

- Displayed real-time plot with GUI using Python Tkinter of polygraph sensor data collected by Arduino UNO
- Recognized by Engineering Open House judges for obtaining accurate results for 87% of tests

Flexercise, *Frontend Developer and Product Manager – Gurnee, IL*

January 2017

- Designed user interface and app flow of Android app that provides tailored physical therapy advice to those with mobility restrictions
- Captained development team, delegated member responsibilities, and shaped creation of app in Java

LEADERSHIP & ACTIVITIES

Women in Engineering, *Ambassador*

January 2019 - Present

- Representing Women in Engineering at student events and promoting opportunities available to hundreds of admitted student engineers

HackIllinois, *Outreach Staff Member*

September 2018 – March 2019

- Contacted and hosted recruiters and open source engineers from all over the nation at HackIllinois, the first entirely open source student-run hackathon, raising \$150K in sponsorship funds

SKILLS

Languages: Java, Kotlin, C++, C, Python, R, SQL, HTML/CSS, JavaScript, Verilog, MIPS Assembly

Tools: Git, Android Studio, JUnit, PyTest