# Sruthi Jayanti

847-777-9978 **|** sjayan3@illinois.edu **|** sruthijayanti.github.io **|** linkedin.com/in/sruthij02/

## EDUCATION

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

**Photo Mosaic Generator,** *Software Developer*                    October 2019
- Created photo mosaic generator in C++ by mapping nearest colored tile images to rectangular pixel sections in source image using a K-D tree and nearest neighbor search algorithm

**Liar Liar Lie Detector,** *Software Developer*                    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 & ACTIVITES

**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