Angel Fan

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EDUCATION

University of Pennsylvania - School of Engineering and Applied Science, Philadelphia, PA
Master of Science in Engineering in Computer Science | GPA: 3.9/4.0   *Expected Dec. 2020*
Bachelor of Applied Science in Computer Science | GPA: 3.5/4.0   *Expected May. 2020*
- Minors: Mathematics, Engineering Entrepreneurship

Skills: Java, JavaScript, Node.js, Python, C++, MySQL, Android Studio, R, HTML/CSS
Relevant coursework: Data Structures, Algorithms, Database Systems, Scalable and Cloud Computing

EXPERIENCE

Software Engineering Intern   May 2019 - Aug. 2019
Google   *New York, NY*
- Designed, implemented and tested two Jobs Search features on Google.com through **Java** and **C++** that improves user experience for millions of users
- Fixed over 20 bugs and contributed over 2,000 lines of code to team codebase

Software Engineering Consultant   May 2018 - Oct. 2018
Luminary Experts   *New York, NY*
- Participated in a patent infringement investigation, working directly with the principal investigator
- Lead developer of scripts for database configuration and data loading using **Oracle PL/SQL**

Research Fellow   Jan. 2018 - Aug. 2018
University of Pennsylvania   *Philadelphia, PA*
- Awarded a Rachleff Scholars Society research fellowship to work on the World Well-being Project
- Head engineer on social media research project using natural language processing through **Python**, **MySQL**, and **R** to analyze the impact of cultural factors on language use for over half a million users

Course Instructor   Sep. 2017 - Present
University of Pennsylvania   *Philadelphia, PA*
- Teach, design curriculum, and write homework for Android Mobile App Development course in **Kotlin**
- Past TA for Intro to Computer Programming (Fall 2017 - Fall 2018) and Android Mobile App Development (Fall 2018)

PROJECTS AND AWARDS

PennBook | JavaScript, AWS DynamoDB, HTML/CSS   *Dec. 2018*
- Won *top 4* out of 50+ teams in Scalable and Cloud Computing course
- A mini-Facebook for Penn students with messaging, user timeline, and news feed features

Rewriting the Code 2019 Fellow   *Jun. 2018*
- Competitive fellowship that mentors women in computer science

Capital One Engineering Summit   *May 2018*
- One of 40 engineers selected from over 800 applicants
- Built a chrome extension that allows users to donate to charities in exchange for coupons

SafeEats | JavaScript, AWS DynamoDB, HTML/CSS   *Apr. 2018*
- Interactive way to search for restaurants based on preferences such as cuisine, location's safety, and Yelp rating

ASLator | Python, JavaScript, HTML/CSS, Artyom.js, Spacy   *Feb. 2018*
- Won *second place* overall at FemmeHacks 2018 Hackathon
- Translates complex English sentences into American Sign Language via text and speech

LEADERSHIP AND INVOLVEMENT

Creative and Marketing Director for PennApps Hackathon   *Nov. 2016 - Mar. 2019*
Official Tutor for Programming Languages and Techniques I and Calculus III   *Jan. 2018 - Aug. 2018*
Assistant Web Developer and Webmaster for The WALK fashion magazine   *Sep. 2017 - Aug. 2018*
Photographer and Associate Photo Editor for The Daily Pennsylvanian   *Aug. 2016 - May 2018*