

Objective

Passionate, detail-oriented college senior with two industry SWE internships looking for full time software development engineering positions.

Education

The University of Texas at Austin, Austin, TX
B.S. in Computer Science, College of Natural Sciences

GPA: 3.7/4.0
Dec 2019

Undergraduate Coursework

Intro to Programming, Data Structures, Discrete Mathematics, Probability, Linear Algebra, Computer Organization and Architecture, Python, C++, Operating Systems, Compilers, Software Design, Mobile Computing(Android)

Projects

PintOS - C A mini single core operating system

Garbage Collector - C++ A garbage collector for a stack-based virtual machine similar to JVM

Pascal Compiler - C, Yacc A simple compiler for Pascal

Huffman Coding Compresses and the compresses files by assigning content special values based off a Huffman Tree, using the Huffman encoding scheme

Other Java Projects Hangman, Minecraft mods, Evil Hangman, Connect Four

Work Experience

Facebook, Seattle, WA

SDE Intern on Facebook Groups Connect Team

05/2019–08/2019

- Full stack Android development on a new product inside Facebook for Android groups tab
- Used Litho and other Facebook internal UI frameworks to implement the interface; used GraphQL to implement the backend functionality that support the feature
- Implemented performance tracking and took measures to improve the performance
- Implemented, ran, and analyzed results from several public experiments

Amazon.com Services Inc., Seattle, WA

SDE Intern on Alexa AI Team

05/2018–08/2018

- Designed and developed web-based auditing and analysis tools for ML models
- Integrated the tools with ML developing and releasing processes

iD Tech, Austin, TX

Java/JavaScript Instructor

06/2017–08/2017

- Prepare lesson plans, and teach a class with up to 8 students
- Ensure all students are meeting set curriculum goals

UT-Austin Math Department, Austin, TX

Learning Assistant

01/2017–05/2017

- Assist professor with calculus lectures and hold office hours

Skills

<i>Programming/Scripting</i>	Java, Python, C++, C, JavaScript, AngularJS, HTML, ShareLaTeX, x86/y86 Assembly, Processing, Android Studio
<i>Operating Systems</i>	UNIX, Linux, Mac OS, Windows
<i>Other Technical Skills</i>	Android Studio, AWS, GCP, GraphQL, Litho
<i>Languages</i>	English, Chinese(Mandarin)