Sabrina Seibel

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY — GPA: 3.65

Atlanta, Georgia — Major GPA: 3.85

Bachelor of Science in Computer Science — *August 2016 – May 2021*

> HOPE Scholarship, Zell Miller Scholarship

Languages: Java, Python, C, Assembly, JavaScript

Coursework: Data Structures, Algorithms, Compilers and Interpreters, Artificial Intelligence, Computer Organization, System Architecture, Discrete Math, Combinatorics, Computer Vision

EXPERIENCE

GOOGLE SOFTWARE ENGINEERING INTERN — *Summer 2019*

San Francisco, California

- Worked on Core Developer Android Infrastructure Team
- Optimized Java protocol buffer runtime on Android through compiler optimizations
- Created tool to analyze source code to decrease APK size for Google applications

GOOGLE SOFTWARE ENGINEERING INTERN — *Summer 2018*

Sunnyvale, California

- Enhanced Java Compiler static analysis tool used to eliminate bugs throughout Google's codebase
- Created checks that fixed Java files and now run with every Java compile at Google
- Contributed to a Build Diagnostics tool designed to increase developer efficiency

GOOGLE CODEU — *Summer 2017*

Mountain View, California

- Worked with group of peers to design and build a messaging application over a 12-week program
- Implemented persistent storage feature to save current server state

PROJECTS AND ACTIVITIES

GEORGIA TECH WOMEN'S SOCCER — *Spring 2018 - Present*

- Participant on competitive team that practices 4x a week and plays colleges throughout the Southeast

CENTER FOR DISEASE CONTROL AND PREVENTION (CDC) — *January 2019 - Present*

- Developing a hybrid mobile application that allows people to track and manage their sodium intake
- Using database architecture, natural language processing, and web scraping to parse recipes off of websites, analyzes the contents, and suggests alternative ingredients

SISTERS RISE UP PROGRAM — *May 2016 - Present*

- Assisting in coordinating program to increase the number of females majoring in computing fields
- Facilitating biweekly webinars tutoring high school girls taking AP Computer Science
- Georgia AP Computer Science exam female pass rate has doubled since program inception

JAVA E-BOOK — *May 2016 - Spring 2018*

- Researched and authored instructional pages for e-book that receives 20,000 views daily
- Developed supplemental CS training material used by students and faculty worldwide

OTHER

WOMEN OF SILICON VALLEY — *August 2018*

Featured in the Women of Silicon Valley Intern Series

- https://medium.com/women-of-silicon-valley/interns-of-silicon-valley-2018-part-2-ab7ee50d216e

GEORGIA INSTITUTE OF TECHNOLOGY — *July 2017*

College of Computing Student of the Month

- http://www.cc.gatech.edu/news/593501/gt-computing-undergraduate-sabrina-seibel-rising-challenge-cs