

Fanuel Makonnen Abiy

3259 Tomeh Way • Tucker, GA 30084 • 678.576.1596 • fanuelabiy@gatech.edu • www.linkedin.com/in/fanuelabiy

EDUCATION

Georgia Institute of Technology, College of Computing

Atlanta, Georgia

• Bachelor of Science in Computer Science

June 2017 - May 2021 (Expected)

SKILLS

Programming: JAVA, Android Development, Azure Cloud, Python, JavaScript, HTML, C#, .NET Framework

Language: Spanish (Intermediate), Amharic (Fluent), English (Fluent)

WORK EXPERIENCE

Application Delivery Service Intern, Federal Reserve Bank Atlanta

Summer 2019

- Created a speech-to-text web application with text analysis using Microsoft's cognitive service API to minimize outsource transcription costs for the bank.
- Developed a chatbot using QNA Maker to allow bank examiners to readily reference laws and regulations with the potential to save time and reduce tedious searches.
- Enhanced the search system by providing modifiable search boost features and upvoting to push relevant results towards the top using Azure Search to improve the user search experience.

Lab Assistant, Georgia Tech Manufacturing Institute

Spring 2019

- Used Microsoft Excel for data entry on over 10,000 values/information.
- Tested carbon-fiber samples to manipulate strength of chemical bonds in order to improve airplane repair efficiency.

PROJECTS

Space Traders Android Game

Spring 2019

- Collaborated with a group of students to create a variation of the Space Invaders game using Android Studio.
- The user travels the solar system after customizing their character, to purchase and sell various goods on different planets, experiencing market changing events, until they reach the currency limit to ultimately win the game.

Game Driver

Spring 2018

- Created a program that allowed the user to play a card, coin, and dice game for a class assignment.
- It tracked the user's point total and allowed them to gamble their points.

CAMPUS INVOLVEMENT

Mobile App Development Club

Spring 2018 - Present

- Learn about different features and functions offered by Android Studio to become familiar with app development.
- Work on mobile app projects that span the course of the semester, adding different pieces weekly.

Minorities at College of Computing

Spring 2018 - Present

- Practice job interview strategies and preparation methods to better equip myself to succeed in interviews.
- Network with company representatives that occasionally speak about job opportunities and upcoming technologies.

National Society of Black Engineers

Fall 2017 - Present

- Help increase the number of culturally responsible black engineers who excel academically, succeed professionally, and positively impact the community.
- Network with other professionals working in STEM fields to help build communication skills and showcase abilities for job opportunities.

AWARDS & HONORS

- OMED Tower Awards for Academic Excellence: Bronze (2018)