

DAGM BEHAILU

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EDUCATION

Aug 2017 – Present **GEORGIA INSTITUTE OF TECHNOLOGY**
B.S. Computer Science
Expected Graduation: May 2022

EXPERIENCE

- Summer 2019 **MICROSOFT - INTERN**
- Upgraded frontend designs on the common share control which facilitated the most needed user patterns on Microsoft OneDrive and SharePoint.
 - Assisted in designing TrueNote, an extension that uses Microsoft's natural language machine learning model LUIS to automatically classify Microsoft OneNote tasks, and link those tasks to actionable items in other Microsoft Apps using the Graph API.
 - o Developed during OneWeek, a company wide week-long hackathon.
 - o Recognized by Executive VP of the Experiences and Devices division for its ingenuity.
 - Technologies used: React, TypeScript, JavaScript
- Summer 2018 **FACEBOOK - INTERN**
- Designed and implemented the frontend design for user interaction-related pages on Voyager, an Android application to help travelers plan their own custom trips.
 - Built three multi-layered apps: a movie app using The Movie Database API, a functional Twitter client, and an Instagram-type app using a Parse backend.
 - Technologies used: Java, Android Studio

SKILLS

Programming Java, Python, HTML/CSS, TypeScript, React
Frameworks & Tools Git, Google App Engine, Github, Android Studio, Unity, Google Maps API
Relevant Coursework Data Structures and Algorithms, Human-Computer Interface Design and Evaluation, Objects and Design, ICT Accessibility, Intro to AI, Computer Organization and Programming, Discrete Mathematics, Intro to Object-Oriented Programming

PROJECTS

- Fall 2019 **DATA DRIVEN DASHBOARD DESIGN FOR BOYS & GIRLS CLUB OF AMERICA**
- Executed a 6-month user research project end-to-end, identifying a problem space, evaluating solutions/alternatives, and implementing multiple high-fidelity design prototypes.
 - Design Summary: <https://tinyurl.com/DDDdesigndoc>
- Summer 2019 **GOOGLE - SOFTWARE PRODUCT SPRINT (FORMERLY CODEU)**
- Built Java servlets and datastores on Maven to manage user data on Waldo, a webapp that looks for lost items on campuses.
 - Implemented the user map page by utilizing the Google Maps API.
 - Design Doc: <https://tinyurl.com/waldocodeu>
- Summer 2017 **GOOGLE - COMPUTER SCIENCE SUMMER INSTITUTE (CSSI) FELLOW**
- Implemented MathLab, an intuitive website to help children practice and understand basic math concepts, using HTML, CSS, JavaScript, and Python on Google App Engine.
 - Designed and developed the frontend and conversion of python library to JavaScript.

ACTIVITIES

FIRST GEN - MARKETING CHAIR (2018)
MINORITIES AT COLLEGE OF COMPUTING (M@CC) - COMMUNICATIONS CHAIR (2017)
NATIONAL SOCIETY OF BLACK ENGINEERS (NSBE)
GEORGIA TECH MASTERING ANDROID DEVELOPMENT (GITMAD)
ETHIOPIAN ERITREAN STUDENT ASSOCIATION AT GEORGIA TECH

INTERESTS

Technical: virtual reality (for game development), hardware (avid tinkerer), cryptocurrency
Personal: photography, travel, fashion, guitar & saxophone enthusiast