

Lauren T. Kearley

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Detailed portfolio available at laurenkearley.com

EDUCATION

Georgia Institute of Technology, Atlanta, Georgia

Anticipated Graduation: May 2019

Bachelor of Science in Computer Science

Concentrations in embedded systems, information management, and mobile computing

Honors: Dean's List

WORK EXPERIENCE

Asurion, San Mateo, California

May 2018 – Aug 2018

Software Engineer Intern (iOS)

- Implemented redesigned in-app notification system for AT&T Photo Storage, Sprint Gallery, and Memories
- Collaborated with a cross-function team to increase the percentage of users with successful photo backups

Brain Trauma Assessment Protocols, Atlanta, Georgia

Jan 2018 – Present

Undergraduate Team Manager & iOS Subteam Manager

- Managing a research team whose goal is to develop a suite of iOS, Android, and web applications for patients suffering from aphasia and their clinicians
- Coordinating and leading weekly meetings of the undergraduate development team
- Created an iOS application which is currently used to monitor the heart rate of ophthalmic surgery residents as they progress through their training at Emory University Hospital

iOS Developer

Aug 2017 – Jan 2018

- Implemented three modules from the Western Aphasia Battery to assess patients' language abilities
- Redesigned application to use Firebase to allow clinicians to access their patients' test results in real-time
- Utilized Dropbox SDK to automatically upload patients' test results to their clinician's Dropbox account

Georgia Institute of Technology, Atlanta, Georgia

Undergraduate Teaching Assistant, Digital Design Laboratory

Aug 2017 – Present

- Guiding students on the process of designing, prototyping, and debugging digital circuits
- Teaching programming with hardware description languages using an Altera Cyclone II FPGA

Undergraduate Teaching Assistant, Objects and Design

Aug 2018 – Present

- Assisting in the instruction of a course designed to teach the fundamentals of object-oriented design

SKILLS

Programming Languages:

Proficient: Swift, Java, Python

Experience: HTML, CSS, MySQL

Exposure: MATLAB, Objective-C, VHDL, C/C++,

Tools/Libraries:

Xcode, Android Studio, AWS, Git/Github, Firebase, CocoaPods, Bootstrap

EXTRACURRICULAR ACTIVITIES

GT iOS Club, Tech Lead

Aug 2017 - Present

- Working with a team of officers to develop beginner-level curriculum and lead weekly training sessions

PROJECTS

Where's My Stuff, Team Manager

- Developed an iOS application which allows users to post lost, found, or donated items to aid in disaster relief
- Utilized a Firebase database to store item information in a JSON tree
- Used Firebase authentication and Facebook SDK to manage user accounts and provide password recovery
- Created a map of the posted items' locations using MapKit and Core Location