Lauren T. Kearley

848 Spring St NW #307, Atlanta, GA 30308 • (310) 612-6028 • lauren.t.kearley@gmail.com • github.com/lkearley

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 computer hardware, embedded systems, information management, and mobile computing
Honors: Dean's List

WORK EXPERIENCE

Asurion, San Mateo, California   *May 2018 – Present*
Software Engineer Intern (iOS)
- Implemented redesigned in-app notification system for AT&T Photo Storage and Sprint Gallery
- Collaborated with a cross-function team to increase the percentage of users with successful photo backups

Brain Trauma Assessment Protocols, Atlanta, Georgia   *Aug 2017 - Present*
Undergraduate Team Manager & iOS Subteam Manager   *Jan 2018 – Present*
- 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
- Currently integrating method to monitor patients' emotional responses during testing
- 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   *Aug 2017 – Present*
Undergraduate Teaching Assistant, Digital Design Laboratory
- Instructing a laboratory session of 26 students
- Guiding students on the process of designing, prototyping, and debugging digital circuits
- Teaching programming with hardware description languages using an Altera Cyclone II FPGA

SKILLS

Programming Languages:	Proficient: Swift, Java, Python
	Experience: C/C++, HTML, CSS, MySQL
	Exposure: MATLAB, Objective-C, VHDL
Tools/Libraries:	Xcode, Android Studio, Git/Github, Firebase, CocoaPods, Flask, Pandas

EXTRACURRICULAR ACTIVITIES

GT iOS Club, Technical 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