Lauren T. Kearley

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Detailed portfolio available at laurenkearley.com

EDUCATION

Georgia Institute of Technology, Atlanta, Georgia   *Graduated with Honor May 2019*
Bachelor of Science in Computer Science
Concentrations in embedded systems, information management, and mobile computing
Honors: Dean's List, Faculty Honors

WORK EXPERIENCE

Brain Trauma Assessment Protocols, Atlanta, Georgia
Undergraduate Team Manager & iOS Subteam Manager   *Jan 2018 – May 2019*
- 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
- Migrated patient data to AWS and Box to achieve HIPAA compliance
- Developed an iOS application to measure speech and memory in Alzheimer's patients for Emory Hospital
- 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 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

Contextual Computing Group, Georgia Institute of Technology**,** Atlanta, Georgia   *Aug 2018 – May 2019*
Undergraduate Research Assistant
- Developed applications for the HoloLens and Magic Leap augmented reality headsets to improve order picking time in sparse warehouse environments
- Conducted user studies to determine which type of interface and style of augmented reality headset has the most significant improvement to order picking time

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

Georgia Institute of Technology, Atlanta, Georgia
Lead Undergraduate Teaching Assistant, Digital Design Laboratory   *Jan 2019 – May 2019*
Undergraduate Teaching Assistant   *Aug 2017 – Jan 2019*
- Guiding students on the process of designing, prototyping, and debugging digital circuits
- Instructing two laboratory sessions of 26 students

Undergraduate Teaching Assistant, Objects and Design   *Aug 2018 – May 2019*
- Teaching the fundamentals of object-oriented design through the development of an Android application

SKILLS

Programming Languages:	Proficient: Swift, Python
	Experience: HTML, CSS, SQL, Java, C#
	Exposure: MATLAB, Objective-C, VHDL, C, C++
Tools/Libraries:	Xcode, Android Studio, Unity, AWS, Git, Firebase, CocoaPods, Bootstrap, Carthage

EXTRACURRICULAR ACTIVITIES

GT iOS Club, Tech Lead   *Aug 2017 – May 2019*
- Working with a team of officers to develop a beginner-level curriculum and lead weekly training sessions

Hackathon Mentor
- Mentoring hackathon participants at various HackGT events and the College of Computing Appathon