

THOMAS KEYES

PROFILE

Name

Thomas Keyes

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OBJECTIVE

I am seeking to learn new technologies and development strategies in order to build revolutionary products. In addition to software, I find interest with the business aspects behind projects and aiming to meet stakeholder requirements. As a Senior at the University of Tennessee majoring in Computer Science with a minor in Engineering Entrepreneurship, I have had experience in the field and am ready to become a team member for the long term.

*References available upon request

EXPERIENCE

May 2019 - Aug 2019 **Emerson Automation Solutions — Knoxville, TN**

Software Developer Intern

- Built app to automate web app tests, saving developers 10+ hours every week
- Completed multiple Web UI bugs for next project version release
- Participated in daily SCRUM meetings to update team and provide input

Mar 2018 - Aug 2018 **Eaton Corporation — Knoxville, TN**

Programming Intern

- Created 'smart' breakers with engineering team that communicate with customers
- Updated 3-year-old iOS app and dependencies to install 'smart' breakers
- Completed over 30 GitHub issues for iOS app and 'smart' breaker repositories

May 2017 - Aug 2017 **vCAD, Inc. — Knoxville, TN**

Quality Assurance Testing Intern

- Developed a "Command Center" representing real-time user data allowing data-analysts to analyze customer behavior immeasurably faster
- Performed alongside development team to brainstorm ideas, solve technical problems, and test products thoroughly before production

EDUCATION

Graduation May 2020 **Bachelor of Science in Computer Science, Tickle College of Engineering**

University of Tennessee, Knoxville, GPA: 3.82, Summa Cum Laude

Major: Computer Science Minor: Engineering Entrepreneurship

Coursework: Software Engineering, Algorithms/Data Structures, Operating Systems, Engineering Entrepreneurship

LEADERSHIP

Aug 2017 - Present

Heath Integrated Business and Engineering Program (HIBEP)

- Selected as one of 20 students from Tickle College of Engineering and Haslam College of Business to form a background in the different fields
- Receive specialized training in management, systematic thinking, professionalism, and communication and apply training to real-world projects for local businesses

RESEARCH/PROJECTS

Aug 2018 - Present

Human Aspects of Software Engineering

Undergraduate Research Assistant

- Researching and building tools and plugins to make developers more productive

Aug 2018 - Dec 2018

Collaborative Playlist Web Application

Developer

- Constructed a multimedia web app to enhance community playlist experience with features such as a carousel of various media and viewing another users' playlist

Jun 2018 - Dec 2018

Knoxville Golf Website

Sole Developer

- Built personal web application with CRUD functionalities for Knoxville's local golf courses and reviews

ADDITIONAL EXPERIENCE

Aug 2016 - Present

Clubs and Organizations

- VolHacks, Anderson Center for Entrepreneurship & Innovation, HIBEP Recruitment Committee, Knoxville Area Rescue Ministry Volunteer, RUF Ministry Team

LANGUAGES AND TECHNOLOGIES

- Swift, C/C++, Javascript, HTML5, CSS3, Bootstrap, some experience with React.js, Java, Python, Node.js, MongoDB, Express.js, Realm Database / Core Data
- Git/GitHub, Xcode, Firebase, Selenium (Browser Automation), Fastlane (Mobile automation), Slack, Outlook