

Michael Knudson

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Objective

Computer engineer with strong foundation in computer science and experience developing production-quality code in agile team settings. Strengths include core competencies in CS fundamentals and a passion for learning and continuously honing my craft. Additional experience with full-stack web development and basic scripting, as well as three years of volunteer full-time volunteer experience. Seeking full-time employment in software development in fall of 2020.

Education

Georgia Institute of Technology | Atlanta, GA
B.S. Computer Engineering, GPA 3.0

January 2018 – Present
Expected Graduation, Aug 2020

Brigham Young University-Idaho | Rexburg, ID
Transfer with 49 Credit Hours, GPA 3.7

January 2017-July 2018

Skills

Programming: Java, Python, JavaScript, HTML, CSS, React.js

Platforms: Unix/Linux/Windows/Mac

Communication: Design proposals, technical reports, instruction manuals, presentations (large and small audiences)

Languages: Spanish (conversational), English (fluent)

Experience

Turner Broadcasting | Atlanta, GA

Jan – April 2019

Software Engineering Intern

- Added new pages and functionality to internal web app for managing workplace display boards
- Supported web app for managing Turner media resources
- Initialized and configured several workplace display boards

L3 Technologies | Alpharetta, GA

May – August 2018

Software Engineering Intern

- Automated hardware test data collection with Python script, saved ~1 person-hour per test (run multiple times daily)
- Updated operational test procedure mode on Airbus, Boeing, and Epic aircraft display units to improve debugging process
- Collaborated with team of interns to create proposal for hand dryers at L3 campus, making campus more ecofriendly

Scribble Inc. | New York, NY

August – December 2017

Software Engineering Intern

- Converted user authentication codebase from Swift to Python
- Built metrics dashboard for app-usage analytics
- Improved product website usability by building error pages and navigation bar

Habitat for Humanity NYC | New York, NY

January – December 2016

Crew Leader-volunteers

- Led crews of 5-20 volunteers daily in the completion of Habitat-NYC projects
- Restored 2 disaster-damaged houses, constructed 16-unit condo building
- Promoted team building and provided guidance to volunteers

Relevant Coursework

Intro to Artificial Intelligence, Data Structures and Algorithms, Object Oriented Design, Systems Concurrency and Energy