Michael Knudson

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Education

Georgia Institute of Technology | Atlanta, GA   *January 2018 – August 2020*
B.S. Computer Engineering, GPA 3.0
Relevant Coursework: Knowledge-based AI, Machine Learning, Intro to Artificial Intelligence, Data Structures and Algorithms, Object Oriented Design, Computer Architecture

Brigham Young University-Idaho | Rexburg, ID   *January 2017-July 2018*
Transfer with 49 Credit Hours, GPA 3.7

Experience

Turner Broadcasting | Atlanta, GA   *January – 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
- Wrote Python script to automate hardware test data collection, 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 eco-friendly improvements to L3 campus

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

Skills

Programming: Python, Java, 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 (native)