

# Michael Knudson

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## Objective

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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

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**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

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**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

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**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

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