

## Mitchell H. Baller

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### Objective

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Computer science graduate student with full time software developer experience looking to apply coursework and industry skills to an internship or co-op in the field computational perception and robotics or machine learning and artificial intelligence.

### Education

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Masters of Science in Computer Science, Georgia Institute of Technology Computational Perception and Robotics Concentration	Anticipated Graduation May 2023
B.S. in Computer Science, Case Western Reserve University	May 2017

### Software Projects

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**Coach's Dashboard** [github.com/mitchellballer/coaching\\_assistant](https://github.com/mitchellballer/coaching_assistant) June 2020 - Present

- Created platform for coaches to view athlete workout information and statistics in comprehensive dashboard
- Integrated Strava API to automatically sync workout data or manually add/update workouts
- Defined high level architecture and OAuth2 authentication flow; built using Python, Flask, SQLite3, Strava's open API, HTML and CSS

**Reel Talkers** [github.com/ReelTalkers](https://github.com/ReelTalkers) January 2017 - May 2017

- Movie recommendation and collaboration site for computer science senior project
- Built front-end using CSS, HTML and React influenced by elements from websites like Instagram and Netflix
- Assembled and configured Linux server to host website, run algorithm workloads and store user data

### Professional Experience

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**Eaton Corporation**, Cleveland, OH July 2019 - August 2021  
*Software Developer*

- Modernized SDLC of custom pay statement application by adding testing suite, automated deployment with Jenkins, version control with Git and migrated code base to BitBucket
- Automated metric collection for weekly platform scorecards with Python and AppPulse's open API
- Performed fixes and improvements in Java and JavaScript to Oracle and Adobe platforms in agile sprints
- Won internal hackathon to prototype an app to monitor machine power draw and alert supervisors of issues

**Eaton Corporation**, Cleveland, OH July 2017 - July 2019  
*IT Functional Analyst, Project Manager in Leadership Development Program (LDP)*

- Improved contact center implementation accuracy and efficiency by standardizing testing and issue tracking
- Led contact center reporting refresh during platform upgrade to improve dashboard and metric effectiveness
- Deployed, configured, and led testing for 22 complex Cisco contact centers in the US, Europe, and Asia
- Nominated to be campus recruiter, manager for summer intern and mentor for first year LDP

**Eaton Corporation**, Pittsburgh, PA May-August 2016  
*Summer Information Technology Intern*

- Led Windows 10 compatibility testing for manufacturing plant applications
- Designed and implemented physical plant inventory scheduling tool using Visual Basic

**Texas Tech University Department of Computer Science**, Lubbock, TX May-August 2015  
*Researcher, NSF Research Experience for Undergraduates Summer Program*

- Stored and queried large network traffic datasets with Apache Hive in order to predict network attacks
- Enabled data analysis with Apache Hadoop, Apache Hive, SQL and Wireshark
- Proposal presentation, progress reports, and poster session to lab mentor, graduate students and professors

### Skills

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Java, Python, HTML, CSS, C, C++  
Node.js, Flask, SQLite3, Angular

OpenCV2, NumPY, SciPY  
JIRA, Git, Agile/Scrum methodology

Linux, Mac OS, Windows  
Apache Hadoop, SQL, Jenkins