

Mitchell H. Baller

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Objective

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 of software engineering.

Education

Masters of Science in Computer Science, Georgia Institute of Technology Anticipated Graduation May 2023

B.S. in Computer Science, Case Western Reserve University May 2017

Honors:

The National Science Foundation, Research Experience for Undergraduates May 2015

Case Western Reserve University Scholarship Recipient May 2013

Software Projects

Coach's Dashboard 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 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

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

Java, Python, HTML, CSS, VBA
Node.js, Flask, SQLite3, Angular

JIRA, Git, Agile/Scrum methodology
Linux, Mac OS, Windows

Apache Hadoop, SQL, Jenkins