

# TYLER COLE

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## Objective

To contribute in a professional setting as a software developer, build upon my educational and personal experience, and to start my career in the field of Computer Science. My previous job experience includes data analytics and web development, along with strong communication, teaching, leadership, and time management skills.

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## Skills

### Technologies

- Git & GitHub
- Bash Scripting
- Web Development:
  - SQL
  - ReactJS
  - HTML & CSS
- Python Libraries:
  - Pandas
  - Scikit Learn
  - Plotly
  - Matplotlib

### Programming

- C (Advanced)
  - C++ (Advanced)
  - Python (Advanced)
  - Javascript (Intermediate)
  - Assembly (Beginner)
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## Experience

### Web Development & Reporting Internship | SquadLocker - Warwick, RI | 05/2019 - 02/2020

#### Web Development

- o Worked with the engineering team to assist in triaging and fixing issues on the front end of their web applications.
- o Understood and documented Integration between data platforms and the web application.
- o Contributed several solutions to front-end software issues.

#### Reporting

- o Gathered business requirements from various departments within the company.
- o Produced technical requirements and SQL queries based on business requirements.
- o Organized and visualized query data to support business decisions using Periscope Data and Python.
- o Created documentation for completed reports and dashboards.

### Men's Gymnastics Coach | Aim High Academy - East Greenwich, RI | 05/2015 - Current

- o Taught gymnastics to children between the ages of 5 and 18,
  - o Communicated with recreational athletes and parents to progress towards the competitive team.
  - o Developed lesson plans for athletes that focused on specific skills and routines.
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## Education

### University of Rhode Island | Kingston, RI | 2021

**Bachelor of Science:** Computer Science

#### Programming

- Data Structures and Algorithms (C++)
- Machine Organization (C)
- Object oriented Programming (C++)
- Operating Systems (C & C++)
- Fundamentals of Programming Languages (SML/NJ, Prolog)
- Programming for Data Science (Python)
- Software Engineering (React.js)

#### Other Skills

- Cyber Security Fundamentals (Covered ~¾ of CompTIA A+ content)
- Introduction to Information Assurance
- Design and Analysis of Algorithms
- Calculus II
- Linear Algebra
- Applied Combinatorics