

# John Bucher

Littleton, CO | [johnbucherCS@gmail.com](mailto:johnbucherCS@gmail.com) | <https://johnbucher.me/>

## Work Experience

*Lockheed Martin, Littleton, CO*

*July 2018 – Present*

Software Engineer

- Design, develop, and maintain web-based applications used by various agencies of the US Government.
- Stack mainly consists of Angular/Typescript and Spring/Java among other various languages.
- Effectively coordinate and collaborate with numerous teams, individuals, and specializations across Lockheed Martin, subcontractors, and the US Government.
- Lead, perform, and communicate important baseline upgrades to ensure transition ease and effectiveness.
- Act as an intermittent scrum master and tech lead to coordinate developers towards task completion.
- Perform continuous learning on needed technologies and systems.

*Computer Aid, Inc., Harrisburg, PA*

*May 2017 – August 2017*

Software Development Intern

- Created and maintained relational databases and web-based applications such as E-commerce websites.
- Inspected, documented, and aided in the knowledge transfer process of professional Computer Aid, Inc. applications through interviews and collaborations with the developer teams.
- Gained experience in C#, ASP.NET, Javascript, CSS, Bootstrap, HTML, jQuery, WinForms, and SQLServer.

## Education/Skills

*University of Colorado Boulder, Boulder, CO*

*January 2021 - Present*

Degree: Master of Engineering, Major: Engineering Management; GPA: 4.0 / 4.0 index

*Shippensburg University, Shippensburg, PA*

*August 2014 - June 2018*

Degree: Bachelor of Science, Major: Computer Science; GPA: 3.476 / 4.0 index

Member of the Honors Program, Computer Programming Team

*Programming languages/technologies:* Angular, Javascript, Typescript, HTML, CSS, Java, Spring, SQL, Node.js, C#, C, .NET Framework, Ruby, Ruby on Rails, Python, SQL Server, and Agile Software Development

## Research Experience

*“The Prevalence and Impact of the “QWERTY Effect” on the Russian language.”*

- Text-based analysis of Russian characters over time using a dataset of 74 million names grouped by birth year to observe if the introduction of the electronic keyboard has influenced the Russian language in similar patterns that have been observed in Roman-character languages. (January 2017 – December 2017)
- “Best Senior Research Project” awarded by the Computer Science department
- “Honorable Mentions: Best Senior Research Project” awarded by the Honors Program