

# Jon Steele

[jonsteele.ca](http://jonsteele.ca) | [GitHub](#) | [LinkedIn](#)

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## Profile Summary

I am a Dean's List Computing Science major with a strong interest in web development. Eager to begin my career as a software developer, I am motivated to work hard and learn from team members while sharing my passion for computers and software development.

## Skills & Abilities

### Back End Web Development

- Building web applications with Laravel & PHP, and Spring & Java.
- RESTful API's design and implementation.
- Strong fundamental knowledge of algorithms and algorithm complexity.
- Strong fundamental knowledge of database design, implementation, and integration using MySQL.
- Solid object oriented programming skills as a result of over five years of programming with Java & C++.
- Knowledge of cybersecurity threats and countermeasures.
- Ability to write automated tests, debug, and troubleshoot software issues.
- Comfortable working with the Linux terminal to setup and deploy web servers.

### Front End Web Development

- Years of experience using HTML, CSS, and JavaScript.
- Strong understanding of React & React Hooks.
- Responsive design implementation.
- Collaboration skills using Git & GitHub to develop source code.

### Interpersonal Skills

- Ability to identify client and end-user needs to enhance functionality and performance.
- Analytical and critical thinking skills.
- Strong ability to collaborate with developers and teams.
- Willing and quick to learn and take direction.
- Dependable, responsible, and highly motivated to exceed expectations.

### Programming Languages

- Java
- PHP
- C++
- HTML & CSS
- JavaScript

### Web Frameworks

- Laravel
- Spring
- React
- Next
- Express

### Other Tools

- Linux
- MySQL
- Git
- AWS
- Node

## Relevant Projects

### Voice Controlled Flashcards | <https://voci.ca> | [GitHub](#)

- Planned and implemented RESTful API's using PHP and the Laravel framework.
- Designed and integrated a MySQL database for accessing, adding, modifying, and deleting data.
- Implemented features include SMTP email verification, voice recognition, and text to speech.
- Hosted the project using Amazon Web Services and a Linux server.
- Used software design patterns such as object oriented programming and the MVC.

### Finance Projection | <https://jonsteele.ca> | [GitHub](#)

- Created concise algorithms in Java for different financial tools such as expense tracking, income tax estimation, and compound interest computations.
- Demonstrates my ability to program organized back end code in an object oriented fashion.

### A Star Search Algorithm | [Java](#) | [Python](#)

- Demonstrates my ability to write complicated, yet organized back end code using different object oriented languages, including Python.
- Used debugging and troubleshooting techniques to resolve problems in the code.

## Education

**Bachelor of Computing Science**      University of the Fraser Valley      3.6 GPA      2023

### Relevant Courses:

- Advanced Website Programming – A+
- Design & Analysis: Algorithms – A+
- Malicious Software & Attack Prevention - A
- Databases and Database Management Systems – A+
- Data Structures & Algorithms – A+
- Object-oriented Programming – A
- Software Engineering – A+

## Awards & Certificates

**Employee of the Year** – Recreation Excellence

**Dean's List for high academic standard** – University of the Fraser Valley

### LinkedIn Learning Program Certificates:

- "Become a Full – Stack Web Developer"
- "Get Started with PHP"
- "Advance Your PHP Skills"
- "Build Your Laravel Skills"
- "Explore React.js Development"
- "Explore Web Development with Node.js"