

Keller Flint-Blanchard

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Education

Bachelor of Applied Science Software Development

Green River College – Auburn, WA

June 2018 - Present

Graduation: June 2021

Coursework:

- Java: Object Oriented Programming, Data Structures and Algorithms (Winter 2020)
- Full Stack: Database Fundamentals, Front-end Web Dev, Web Dev Frameworks

Skills

Java, PHP, SQL, JavaScript, JQuery, HTML/CSS, Python, Git, Linux, Docker, Bootstrap

Work Experience

Coding Instructor - White River School District and City of Auburn

June 2015 - Present

- Currently work with Glacier Middle School and the Auburn REC Center to develop and run after school programs focused on practical, hands-on and collaborative experience with coding and web development.
- Developed and implemented learning management application for coding classes to improve student's ability to manage their own progress in class and encourage self-directed learning.
- Organized and ran a wide range of coding summer camps in cooperation with White River School District, Buckley Youth Center and Auburn REC over summers of 2015-2019.

Academic Technologist - Carleton College

October 2015 - March 2017

- Collaborated with college faculty to implement a variety of technical projects such as building websites, analyzing web traffic and writing documentation for digital tools.
- Wrote Python scripts to sort large research datasets and led trainings in the use of digital tools for students and faculty.

Software Projects

OpenProgression - Learning Management System

October 2018 - Present

- Created a web application that, unlike existing K-12 learning management tools, was more flexible for teachers and more interactive for students in self-directed learning environments where progression through curriculum can be non-linear.
- Personally responsible for all development and collection of student and faculty feedback to improve the site.
- Tools used in the project include PHP, SQL, JavaScript, HTML/CSS, Bootstrap and Docker.

iD.A.Y.DREAM - Web Application

September 2019 - January 2020

- Working collaboratively to create a user management solution and custom forms for the iD.A.Y.DREAM non-profit with a focus on reducing technical overhead for the director.
- Tools used include PHP, SQL, AJAX, JQuery and Docker. Following Agile methodology.

Activities

Hackathons: Hack to Give Thanks (2019), Seattle GiveCamp (2019), CarlHacks (2016)

Tutorials: Create coding tutorials for YouTube with over 2k views and 100 hours of watch time.