

TOMMY WILLEN

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Full stack web developer with extensive experience in coding. Certificate in full stack development from the University of Washington with expertise in JavaScript, CSS, HTML, and Node.js. A National Board Certified science teacher with 9 years of high school experience including 6 years in the most diverse school district in the country. I am driven to provide the best possible product when coding, incorporating mobile-first and innovative features while ensuring deadlines are met. My proficiency in cutting-edge web technologies, problem solving techniques, and the ability to effectively manage and collaborate with peers makes me a strong candidate to any engineering team.

TECHNICAL SKILLS

Languages: JavaScript ES6+, CSS3, HTML5

Applications: GitHub

Tools: Node, Query, Bootstrap, UIKit

PROJECTS

GameFlix | github.com/TommyWillen/Gameflix | tommywillen.github.io/Gameflix/

- Summary: App that provides movie and video game options based on personality quiz
- Role: Project Lead, Back end engineer
- Tools: HTML, CSS, JavaScript, jQuery, UIKit, API

Weather Dashboard | github.com/TommyWillen/Weather-Dashboard | github.io/Weather-Dashboard/

- Summary: App that displays weather and forecast for given queried city
- Role: Sole author
- Tools: HTML, CSS, JavaScript, jQuery, Bootstrap, API

Workday Scheduler | github.com/TommyWillen/Work-Day-Scheduler | github.io/Work-Day-Scheduler/

- Summary: Daily calendar app with time responsive elements
- Role: Sole author
- Tools: HTML, CSS, JavaScript, Bootstrap, Moment.js, jQuery

EXPERIENCE

Biology Teacher

2018-Present

Juanita High School

Kirkland, WA

Utilized research-based pedagogy for 9th grade students in an ever evolving climate.

Key Accomplishments:

- Implemented research-driven, inquiry-based community of practice through University of Washington, known as Ambitious Science Teaching.
- Collaborated with UW Genome Science Education Outreach to develop and pilot research based curriculum centered around type 2 diabetes awareness
- Collaborated with Fred Hutch Science Education Partnership to develop and pilot research based curriculum centered around leukemia awareness

Science Teacher

2015-2018

Foster High School

Tukwila, WA

Taught in a highly diverse school with over 70 languages spoken.

Key Accomplishments:

- Implemented research-driven, inquiry-based community of practice through Van Andel Education Institute, known as QPOE₂ (Question, Prediction, Observation, Explanation, Evaluation).
- Utilize effective classroom management techniques.
- Tukwila Education Association union vice president during 2017-2018 school year
- Developed Project Based Learning units centered around ecology and environmental science.
- Collaborate with science, special education, and ELL teachers to provide consistent and effective pedagogy .

EDUCATION

Certificate, Full Stack Web Development	– University of Washington	Seattle, WA
Masters of Arts in Teaching	– Seattle Pacific University	Seattle, WA
Bachelors of Science, Biology	– Washington State University	Pullman, WA