**Bogdan Shmat**

Phone: (425) 319-5562 Email: [bogdan.shmat@wsu.edu](mailto:bogdan.shmat@wsu.edu) Address:Everett WA, 98208

Linkedin**:** <https://www.linkedin.com/in/bogdan-shmat-b42552222/> Website:[**https://www.bogdan-shmat-portfolio.com/**](https://www.bogdan-shmat-portfolio.com/)

SKILLS

**Languages:** React, Python, TypeScript, C#, Java

**Tools:** Git, Sentry, PostHog, Visual Studio Code, Azure Dev Ops

EDUCATION/CERTIFICATIONS

**Washington State University** Aug 2020-May-2024

BS in Software Engineering

Azure Fundamentals (AZ-900) [link](https://learn.microsoft.com/en-us/users/shmatbogdanvaleriyevich-1496/credentials/3dfc01ca70d7a3d1) December 2023

EXPERIENCE

Frontend Developer Intern| Invent | Remote

* I was assigned tickets through Jira and clarified ambiguous requirements with the corresponding project manager to ensure ticket success.
* Completed high impact tasks such as a high complexity addition into the client facing UI library using Styled-Components, TypeScript, React, React Testing library and Jest.

Projects

Gym Progress App | [https://gpa-boshmas-projects.vercel.app/](https://gpa-boshmas-projects.vercel.app/%20) **|** TypeScript, React Server Components, PostHog, Sentry, Tailwind

* Utilized React Server components for fast page loading/response.
* Authentication and protected pages achieved using Clerk API.
* Versatile meal and exercise dashboard to track nutrient intake as well as strength progression.
* User analytics for all user interactions on web app through PostHog API.

Project Osiris (Wildfire Prediction Web App)|JavaScript<https://github.com/boshma/ProjectOsiris>

* Integrated Twilio API within the application to allow the app to send notifications to a user’s phone.
* Implemented the UI for the web app based off a Figma design provided by a teammate.

Wildfire Prediction Model (Neural Network + Logical Regression) |[https://github.com/boshma/Wildfire-Prediction-Model-NN-](https://github.com/boshma/Wildfire-Prediction-Model-NN-%20) **,** [**https://github.com/boshma/Wildfire-Prediction-Model-LR-**](https://github.com/boshma/Wildfire-Prediction-Model-LR-)| Python

* Designed and implemented a feedforward neural network using TensorFlow and Keras as well as a logistic regression model using scikit-learn achieving 80%+ both in precision and recall.
* Gathered and preprocessed historical wildfire data.