



Lucas Shearer

 <https://lucas-shearer-portfolio.netlify.app/>

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Recent WSU graduate with a diverse background working towards a career as a software developer.

Education

B.S. Software Engineering

Washington State University

C.S. classes GPA: 3.53

Graduated: May 2020

B.S. Kinesiology, Specialization in Pre-Health Care

Western Washington University

Graduated: Dec. 2014

Technical Skills

Languages:

C/C++ (Experienced), C# (Experienced), Python (Intermediate), SQL (Intermediate), Java (Beginner), HTML/CSS (Beginner).

Tools:

Git (version-control), Linux, GitHub, Postgre, MS Visual Studio, Visual Studio Code, Eclipse, GitKraken, Android Studio, PyCharm, Firebase.

Projects and Extracurriculars

Minecraft Tournament Webpage

(Capstone) May 2020

- Gained experience working in an agile environment and improved teamwork skills.
- Created a Minecraft plug-in, API, and UI to run tournaments for WSU's gaming conventions.
- Created a web UI using AngularJS.
- Utilized GraphQL to extract information from our Firebase database for our front end.
- Processed and manipulated data to score players.

Restaurant Searching Application

(Object-oriented software principles course) April 2020

- Created using C# and WinForms.
- Created database from Yelp data using Postgres.
- Used SQL calls to pull information from database and present requested information on UI.

Spreadsheet Application

(Database course) April 2019

- Created using C# and WinForms.
- Features: Save, load, cell referencing, basic arithmetic operations with working parentheses and correct precedence.

Friendly Food Finder Android Application

(Crimson Code Hackathon) February 2019

- Three other students and I created this project for the Crimson Code Hackathon 2019.
- Created using Android Studio, Kotlin, Visual Studio, C#, Azure database, and public library/API.

Rocket Space Fighter Game

(Software design and architecture course) May 2020

- Created in C# and Monogame framework.
- Used design patterns such as model view controller and factory method.
- Features: slow motion player, invincibility, enemy waves, bosses, difficulty settings, movement control options, in game pause, json file settings for easy game changes, and more.

Work Experience

Electrician Apprentice, Meyer Electric, Sequim,

WA. (8/2016-8/2017, 5/2018-8/2018)

- Worked daily with 1-5 co-workers on new projects or customer service home calls.
- Helped keep detailed communication on each company project daily.

Front Desk Agent, Quality Inn and Suites, Sequim,

WA. (10/2015-7/2016)

- Managed in house guests requests and issues.
- Made hotel reservation for individual or group stays.
- Checked in and out guests dealing with cash or credit cards.

Personal and Group Trainer, Everybody's Gym, Bellingham, WA.

(8/2014-8/2015)

- Planned workout routines weekly for a variety of classes ranging from 1 to 20 members.
- Helped managed gym walk-ins and current members.

Soft Skills

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|--------------------|-------------------|
| • Self-motivated | • Leadership |
| • Teamwork | • Time management |
| • Problem solving | • Adaptability |
| • Lifelong learner | • Communication |