Orkhan Asgarov

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Software/Web Developer

Highly motivated recent UBC graduate, with an experience in designing and maintaining websites. Seeking a challenging, entry level role in tech industry. Strong knowledge of algorithm design, and intermediate proficiency in programming languages such as Java, Python, JavaScript, HTML/CSS.

Education: University of British Columbia, Vancouver, BC

B.Sc. major in Mathematics and minor in Computer Science.   *Jan 2017 – May 2021*

- Outstanding International Student Award (2017)
- Computer Science Key Courses: Algorithm Design and Analysis • Intermediate Operating Systems • Artificial Intelligence • Introduction to Relational Databases • Internet Computing • Computer Graphics
- Mathematics Key Courses: Advanced Calculus • Probability • Coding Theory • Linear Programming

Experience: Front-end Web developer Intern at Labrin (Baku, Azerbaijan)   *Apr 2020 – July 2020*

- Handled client revision requests on the developed websites.
- Designed and implemented new features and functionalities assigned by Project Lead
- Wrote clean and functional code for the front-end with JavaScript & HTML/CSS

Projects:

- **A Simple FTP server**: FTP server written in C developed for *CPSC 317*, Internet Computing course.
- **Database Web App**: that collects data as input, stores it using PostgreSQL and displays a web-based interactive graph.
- **Bookstore Database App**: desktop GUI program that stores book information with SQL Backend databases that were stored and manipulated using SQLite.
- **Dictionary Client:** Developed a client-side application using Java and TCP to connect with specified dictionary servers and retrieve requested definitions.
- **Series of Computer Graphics projects** focused on transformations, lighting and implementing shading algorithms using GLSL with Three.js.
- Smaller Projects include:
  - **Website Blocker App**, that given a website and a time interval, blocks the user from accessing the website during that time period.
  - **Web Scraping** Real Estate information using Python for the website "Realtor.ca".
  - **Simple Android App**: with a Login/Sign-up page, stores the data in a JSON file, returns randomly generated quote related to the given input. Source code contains an APK file.

Skills:

Strong knowledge of CS fundamentals, Object-oriented programming, algorithms and data structures.

Proficient in: Java, Python, HTML/CSS.

Familiar with: JavaScript, React JS, C++, GLSL, MySQL, PostgreSQL, SQLite, MATLAB.

Languages: English (fluent), Russian (fluent), Turkish (fluent), Azerbaijani (native).