# Orkhan Asgarov

## Software Developer

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Highly motivated recent UBC graduate, with an experience in designing and maintaining websites. Seeking a challenging, entry level role as a Software Developer. 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*

- **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)        *May 2020 – Aug 2020*

- Maintained excellent client relations, while handling client revision requests on the developed websites.
- Implemented new features and functionalities assigned by Senior developers.
- Generated readable and functional code for the front-end with JavaScript using React library & HTML/CSS.

## Projects:

- **A Simple FTP server**: FTP server that can successfully transfer data between FTP client and server written in C, using the file transfer protocol described in RFC 959. Developed for Internet Computing course.
- **Database Web App**: 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 with the use of sockets in Java. Implemented TCP connection with specified dictionary servers to retrieve requested definitions using the client/server protocol described in RFC 2229.
- **Series of Computer Graphics projects** that focused on transformations, lighting and implementing shading algorithms using GLSL with Three.js.
- Smaller Projects include:
  - **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 Algorithm Design and Analysis, data structures, and Object-oriented programming.

**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).