

Jangwon Seo

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EDUCATION

The University of British Columbia

3rd Year, Bachelor of Science in Statistics

Vancouver, BC

Expected Graduation: 2027

EXPERIENCE

Freelance Web Developer

May 2025 – Current

Smartmove Electrical & Automation, SP Development

Remote

- Designed and optimized end-to-end data pipelines, integrating public APIs for automated data ingestion, transformation, and validation.
- Built ETL workflows with Python, Pandas, and NumPy to deliver accurate, up-to-date datasets for geospatial and tabular visualization.
- Developed client-facing tools, enabling users to select regions on interactive maps and view API-powered data in geospatial and tabular visualizations, alongside CSV export features for decision-making.

Information Technology Support Specialist

Sep. 2018 – Present

Southwestern University

Georgetown, TX

- Communicate with managers to set up campus computers used on campus
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

PROJECTS

Gitlytics | Python, Flask, React, PostgreSQL, Docker

June 2020 – Present

- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Simple Paintball | Spigot API, Java, Maven, TravisCI, Git

May 2018 – May 2020

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib