Adam Shih

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EXPERIENCE

Software Development Engineer   Jul 2022 – Feb 2023
Zoom Video Communications   *Remote*

- Developing an application in Java, Scala to delete data from Snowflake following data governance requirements.
- Utilizing Snowplow, DataHub, and GraphQL to find and delete the necessary data.
- Implementing a CI/CD pipeline using Jenkins.
- Writing unit tests with JUnit and ScalaTest for all code written.
- Following software engineering best practices.
- Collaborating with other teams to design data models that can bring insights and value.
- Delivering data ad-hoc to stakeholders.

Computer Science Tutor   Oct 2021 – Jun 2022
Portland State University   *Portland, OR*

- Holding drop-in tutoring to undergraduate computer science students.
- Explaining complex concepts to students in different ways to help them understand.
- Topics covered include data structures, object-oriented programming, and systems programming, among others.
- Languages covered include C++, C, Python, Java, and x86 Assembly.

PROJECTS

Falling Sand Simulation • *Rust, Bevy, WASM*

- Building a game in the Rust progarmming language using the Bevy game engine
- Implementing various physics features and multiple elements which interact with each other
- Utilizing WebAssembly in order to build and run the app on my portfolio website

TECHNICAL SKILLS

Languages: Python, Rust, JavaScript, Scala, SQL, Java, HTML/CSS

Frameworks: Bevy, SvelteKit, React, Node.js

Developer Tools: AWS, Git, Docker

Libraries: NumPy, pandas

EDUCATION

Portland State University   Portland, OR
Bachelor of Science in Computer Science   *2019 – 2022*

Clackamas Community College   Oregon City, OR
Associate of Science Transfer   *2017 – 2019*