Joshua Lee

jleedev@gmail.com
216-223-8372

416 S Meadowcroft Ave
Pittsburgh, PA 15228

Experience

Rivers Agile Solutions   *Software Engineer*   December 2020–November 2021

Developed projects for various clients, working closely with the customer as part of a small consulting team. Learned technologies as necessary including: React, Angular, Three.js, Heroku, Android, SQL Server, Azure Functions.

Independent Contractor   January–July 2020

Analyzed a legacy system and determined the client's requirements. Designed and developed a replacement with Django in Python.

Maven Machines   *Senior Software Engineer*   August 2017–December 2019

Designed and developed server components of the fleet management software. Implemented a pipeline for processing truck data events into a usable form. Improved the stability of a microservice-oriented cloud system. Promoted best practices for continuous testing and deployment management. Led server postmortems to understand and prioritize production changes as much as reasonable in a fast-paced start-up environment. Node.js, Go, AWS.

The Bank of New York Mellon   *Senior Developer*   January 2016–May 2017

Worked on the Identity and Authentication teams. Developed manual and automated tests for various flaky legacy servers. Gathered requirements for several projects that were ultimately cancelled, focusing on reducing the risk of complex and poorly understood processes.

Google   *Software Engineer*   July 2011–November 2015

Worked on Google Affiliate Network, an advertising platform which connected publishers and advertisers, and tracked conversions in real time.

Worked on Shopping Metadata, curated and maintained attributes on offers and catalogs in the product search site. Worked closely with the operations team to develop the tools used to prioritize and curate this data. Developed front-end features to promote attribute-based shopping and browsing, and back-end features concerning data quality. Promoted code health and fixits. Maintained an on-call rotation. Java, C++

American Greetings Interactive   *Developer Intern*   June–August 2010

Replaced an aging backend tool and wrote a modern web UI. Used automated regression tests to ensure backwards compatibility. Gathered requirements for the new system from users of the existing system. Participated in code reviews and practiced test-driven development. Python

Education

Case Western Reserve University   May 2011

Bachelor of Arts in Mathematics and Computer Science.