**PETER FORTUNA**

New York, New York | (309) 713-9875 | peter.j.fortuna@gmail.com

[LinkedIn](https://www.linkedin.com/in/peter-fortuna/) | [Portfolio](http://www.peter-fortuna.com/) | [Github](https://github.com/peter-fortuna-repo)

**SOFTWARE ENGINEER**

Experienced Software Engineer skilled in crafting innovative solutions for financial data processing and cloud migrations. Pursuing an MS in Computer Science at Arizona State University

**AREAS OF EXPERTISE**

Python | Java | Linux

AWS | SQL | Git

**WORK EXPERIENCE**

**Drive Wealth**, Jersey City, New Jersey **09/2022 - 01/2023**

**Software Engineer**

• Engineered cutting-edge software meticulously tailored to process encoded OUCH and BOE financial messages, creating new order-flow opportunities.

• Took a central role in a successful migration from Azure SQL Database to Amazon Aurora, while also delivering comprehensive documentation and actively contributing to the action plan.

**Brigham Young University**, Provo, Utah **01/2020 - 04/2022**

**ML Research Assistant**

* Exponentially boosted my team's productivity by implementing automation for our computer vision workflow, resulting in a 300% surge in output and the preservation of several months' worth of effort.
* Built a database of physicians receiving pharmaceutical company payments by connecting 95% of US physicians to FDA Open Payments claims in Python.

**CUNA Mutual Insurance**, Madison, Wisconsin **06/2021 - 08/2021**

**Data Analyst Intern**

* Decreased the time marketing analysts spent processing monthly reports over 80% by developing an interactive ETL application.
* Interviewed cybersecurity experts on ways CUNA Mutual can increase security measures and presented findings to a panel of stakeholders.

**PROJECT**

**OUCH Financial Trading Parser**

* Published library to decode electronic trading messages onto open-source Python repository PyPI.
* See project: [GitHub - OUCH Financial Trading Parser](https://github.com/pjfort/OUCH_Parser)

**CERTIFICATIONS**

AWS Certified Cloud Practitioner

AWS Certified Developer Associate (In Progress)

**EDUCATION**

**Master of Science - MS, Computer Science (In Progress)**

Arizona State University, Tempe, Arizona

**Bachelor of Science - BS, Computer Science and Mathematics**

Brigham Young University, Provo, Utah