

# Philip Stout

20263 Owings Terrace  
Ashburn, VA 20147

Phone (949) 735-2680  
E-mail: philipastout@gmail.com

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## Work Experience

### Vexterra Group (April 2019 - Present)

#### *Junior Software Engineer*

- Work in an Agile Development Environment with 2-week sprints, and small 6-week pilot projects to pitch to the government client in order to improve their workflow
- Projects included:
  - Machine Learning (ML) identification of SQLite Databases to ease the triaging burden of Intelligence Analysts
  - Using LSTM, CNN, and RNN models to remove background noise from audio clips
- Main responsibilities included ML engineering with technologies like: Python, Scikit-learn, PyTorch, Keras, and AWS EC2.
- Additional responsibilities included data management using technologies such as: SQL, Docker, AWS, and SQLite.

### 4DV Analytics (August 2017 - April 2019)

#### *Junior Software Engineer*

- Work in an Agile Development environment and main responsibilities involve working on client tickets to improve the company's main application, and creating new features to fulfill the company's contractual requirements.
- Main programming was done in JavaScript (including Object-oriented JS) for the web application, with Java and SQL for the backend/database.
- Frameworks used include Vue JS, EXT JS, Node.js, Spring Java, and Liquibase.
- Responsibilities include: Requirements gathering, writing user-stories, prototyping, and coding client-side and server-side in order to fulfill the requirements of the stories.

### ON Semiconductor (Summer 2016)

#### *Software Engineer Intern*

- Development of a web app served by a Python HTTP server on a RESTful API
- Wrote a GUI using JavaScript (jQuery), HTML, and CSS to serve Test Engineers in testing image sensors and debugging their own Python scripts
- Added functionality to the Python HTTP server to expand its effectiveness in the process of testing image sensors

## Education

### **B.S., Computer Science: Information Systems**

Graduated May 2017

Biola University – La Mirada, CA

*Dean's List Recipient*

***Relevant Certifications***

- CompTia Security+ (November 2019)

***Gitlab Link***

- <https://gitlab.com/Pstout94>