# Alexandre M. Jolly

Belle Mead, NJ 08502 (Remote)

alex@alexjolly.me ▪ (908) 938 0217 ▪ github.com/jollex

## Work Experience

**Software Engineer, Endorse - Boston, MA**                      **July 2018 - Present**

Develop and maintain several Python backend services along with a React frontend and a large MongoDB database. Deploy and monitor services across many DigitalOcean droplets. Collect and analyze large amounts of data to inform business decisions using Pandas, BigQuery (SQL), AWS, and Jupyter notebooks.

**Software Engineer Co-op, Intuit - San Diego, CA**                **July - December 2016**

Maintained a full stack web application receiving thousands of visitors a day. Implemented and deployed new features as well as bug fixes. Built and deployed code changes to testing and live environments.

**Software Engineer Co-op, Cogito Corporation - Boston, MA**        **July - December 2015**

Designed and implemented new features and fixed bugs in a Java codebase consisting of several REST servers and a GUI application. Developed bash scripts to automate common workflows and perform load tests. Aided in deploying servers using Amazon Web Services.

## Education

**Northeastern University, Boston, MA**                                **2013 - 2018**

College of Computer and Information Science

Bachelor of Science in Computer Science with Minor in Psychology, August 2018

**GPA:** 3.6

**Achievements:** Dean's List (Fall 2013 - Present), Dean's Scholarship

**Activities:** NU eSports Overwatch Team (2017-Present), Officer for NU Association for Computing Machinery (2016-2017), NU Men's Club Frisbee (2013-2015)

**Relevant Courses:** Data Collection and Analysis, Software Development, Building Extensible Systems, Programming Languages, Networks and Distributed Systems, Algorithms and Data.

## Technical Skills

**Programming Languages**

Python, JavaScript, React, Java.

**Other Knowledge**

AWS, Docker, DigitalOcean, Pandas, Jupyter, BigQuery (SQL), MongoDB, Unix, Git, Agile/Scrum

## Projects

**Live Bot**                                                            **April 2018**

Conceptualized, designed, and implemented a discord bot that posts and updates messages in a discord server when users of the server go live on Twitch. Deployed bot script on an Ubuntu DigitalOcean server where it runs for a discord community with over 750 members.

**Hack Beanpot Participant**

▪ Winner, Most Innovative                                          **February 2015**

Created SnowPea Me, a website that allows users to sign up and list their locally grown produce for other users to see and purchase. Made using Angular and Firebase.

▪ Winner, Most Innovative                                          **February 2014**

Developed a Flask web-app which provides a quantitative measure of how adventurous a user is and offers recommendations of new places to visit.

## Interests

**Language:** Conversationally fluent in French.

**Other:** Cognitive science, video and board games, hiking, rollerblading and board sports.