

Alexandre M. Jolly

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Work Experience

Software Engineer, Endorse - Boston, MA

July 2018 - Present

Develop and maintain several Python backend services along with a React frontend. Deploy and monitor services across many DigitalOcean droplets. Collect and analyse large amounts of data to inform business decisions using Pandas 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, Java.

Other Knowledge

Git, Agile/Scrum, Unix, DigitalOcean, Adobe Creative Suite, Amazon Web Services.

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 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: Fluent in French.

Other: Meditation, cognitive science, video and board games, board sports.