OLIVIA SCHLEPPHORST

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WORK EXPERIENCE

Desktop Metal, Burlington, MA
Software Developer, Jan. 2019-June 2019
- Improved Production printer PLC simulation accuracy using TypeScript and React
- Developed and moderated a dynamic automated HTML report of 3D printer in R and integrated with Slack
- Worked alongside an agile software development team and coordinated with other teams to meet specifications

Digital Lumens, Boston, MA
Software Quality Assurance Engineer, Jan. 2018-June 2018
- Developed automated functional and regression test applications in Python integrated in a Selenium framework for web apps, mobile apps, Commissioner software, and proprietary firmware
- Supported a continuous development environment, and worked closely with developers to specify requirements for an intelligent lighting product line

ERT, Charlestown, MA
Software Quality Test Engineer, Jan. 2017-Aug. 2017
- Coordinated issue resolution for software releases with international team of software developers
- Performed automated testing of Python code using the Robot framework
- Verified software product release behavior against requirements and design specifications
- Serviced IT requests for company employee access to testing environments and databases; authored SQL queries to process various requests

EDUCATION

Northeastern University Current candidate for B.S in Computer Science and Mathematics, May 2020
Relevant Courses: Computer Graphics, Database Design, Algorithms and Data, Foundations of Data Science, Object-Oriented Design, Theory of Computation, Group Theory, Number Theory, Real/Numerical Analysis, Differential Geometry

COMPUTER KNOWLEDGE

Languages and Frameworks:
Proficient: Python, Java, TypeScript, React, R, HTML/CSS, Scheme, Robot, Bash
Familiar: SQL, C#, Go, JavaScript, Selenium, Django
Tools: Github, Mac OS X, Ubuntu, Jenkins, Eclipse, Jira, Jama, IntelliJ, PyCharm, Squish, Visual Studio, WebGL

MAJOR PROJECTS

The Cutting Board (current independent project)
- Web application food recipe portal with content management tools implemented with Django and React

Music Editor (assignment)
- Designed an MVC pattern to build a MIDI-based visual "music editing" app
- Used Java Swing and Java MIDI libraries, git for version control, and built for Object Oriented Design CS 3500

VOLUNTEERING

TechTogether Boston, Boston MA (Mar. 2019 and Feb. 2020 events)
Operations Team Chair, Oct. 2018-Jan 2020
- Coordinated with sponsors to plan workshops and other logistics for the largest all female and non-binary hackathon in Boston (2020)
- Coordinated travel for hundreds of participants from New York, New Jersey, Philadelphia, and Western Massachusetts (2019 and 2020)
- Oversaw emails and answered questions to hackers, mentors, volunteers, and judges (2019 and 2020)
- Assisted with general logistics of the event including registration and assigning tasks to volunteers (2019)