

Trevor Laher

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OBJECTIVE

My objective is to obtain a Computer Science and Engineering degree at The Ohio State University in combination with internship experiences that will allow me to be an excellent creative problem solver to aid in the further development of computer software and architecture so that I may be a valuable-asset that leads me to post-graduate employment.

EXPERIENCE

JPMorgan Chase & Co. Columbus, Ohio June 2019 – August 2019

Software Engineering Intern

- Technical Lead on Agile team creating project architectures and facilitating the software development.
- Created a proof of concept for machine learning and artificial intelligence in the consumer facing file transfer system.
- Developed a Python Flask API service integrating file transfer system data with IBM Watson.
- Designed a secure data flow architecture into IBM Watson and through the machine learning process.
- Opened endpoints within Java service to provide database access to Flask API service using quality design patterns and testing practices.
- Continuous integration and deployment development using Jenkins.

Nextgear Capital – Cox Automotive Indianapolis, Indiana May 2018 – August 2018

Software Engineering Intern

- Developed on an AGILE software engineering team working with Java Spring and React/AngularJS
- Created an internal administration tool, refactored the company payment system into a horizontally scalable architecture, and resolved consumer facing issues in the front-end web application.
- Learned about team dynamics in software development and the communication strategies that must be employed to effectively develop software across one or multiple teams.
- Cohort Leader for 12 individuals in the TechpointX Xtern Program.

Sallie Mae Indianapolis, Indiana June 2017 – August 2017

Application Developer

- Developed full stack ReactJS application to display/manage Sallie Mae App performance statistics.
- Led group in Innovation Contest to build a business case and prototype for introducing cryptocurrency payments to Sallie Mae.
- Participated in TechpointX Xtern program that included hackathons, technology talks, and professional development.

Two Additional Internships: SOLD LLC – Web Developer Intern, Discovery Lab Global – Learning Intern

EDUCATION

The Ohio State University Columbus, Ohio December 2019

Bachelors of Science in Computer Science and Engineering,

- Innovation, Creativity, and Entrepreneurship Scholars – Product Development Team Leader
 - Created a business model based on consumer research, electronics knowledge, and creative design that revolutionizes the design and functionality of charging cables and docks.
- Engineering Fundamentals Group Leader
 - Responsible for organization, productivity, and quality of group projects including Lab Reports, Memos, Summaries, and the design of any projects those may need.

SKILLS

- Three years-experience in extemporaneous speaking and public forum debate.
- Experience in Java, Java Spring, Python, Flask, Ruby, Javascript, ReactJS, SQL, Swift, C, and R Programming.

Projects and Achievements:

- OnDemandMinecraft (Github) – Open source on demand server hosting using AWS EC2 and Flask.
- Sway Points (<https://swaypoints.com>) – A Ruby on Rails Slack app for weighted voting.
- 2019 Summer Intern Robot Race Winner – Programmed algorithm for Raspberry Pi Robot.

<https://github.com/trevor-laher>