

Kyle Yohler

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Education

Indiana University, Bloomington, IN

May 2019

Bachelors of Science in Computer Science

Specialization: Programming Languages

Minors: Informatics, Human-Centered Computing and Math.

Honors: Academic Deans List, Founders Scholar Academic Achievement Award

Indiana University, Bloomington, IN

May 2020

Masters of Science in Computer Science

Professional Experience

Exxon Mobil Corporation, Houston, TX

May 2018 – August 2018

Software Engineering Intern

- Worked on rewriting large web application used by business line to manage employees and contractors.
- Applied full-stack web development skills in order to develop a Web API using .NET Core and a modern front-end using React.js
- Exercised user-centered design practices to improve user performance.
- Handled sensitive employee data.
- Presented project to leadership and senior technical professionals on multiple occasions.

Indiana Secretary of State's Office, Indianapolis, IN

May 2017 – Present

Summer Fellow (CS Intern)

- Worked on modernizing the front-end look of older ASP.NET web applications.
- Implemented changes to the back-end of an application used by hundreds of Notary Publics such as an administrative dashboard, a new payment process, automated usage reports, etc.
- Managed large databases with critical data used by the Secretary's business, auto dealer and elections divisions.
- Learned and exercised the processes of the development life-cycle: Development, UAT, QA and Production.
- Working remotely to assist in finalizing changes made to certain web applications and other projects.

Indiana University School of Informatics, Computing, and Engineering, Bloomington, IN

August 2017 – Present

Undergraduate Instructor

- Assisted in teaching game theory course with heavy Python programming components, CSCI-C290 Games and Puzzles.
- Currently assisting in teaching AI course with heavy Python programming components, CSCI-B351 Intro to Artificial Intelligence.
- Holding office hours twice a week to work closely with students on the topics discussed in class.

Indiana University School of Informatics, Computing, and Engineering, Bloomington, IN

March-2017 – Present

Senior Service Desk Consultant

- Accountable for resolution of user requests and incident management.
- Prioritize requests submitted by faculty, staff, students and partners.
- Communicate with IT professionals in order to provide outstanding support.
- Create and maintain documentation for resolving common issues.

Indiana University School of Informatics, Computing, and Engineering, Bloomington, IN

August 2016 – August 2017

Research Intern

- Developed Twitter bot using Python, SQLite and Redis.
- Handled data obtained from Twitter and IU's OSoMe resources.
- Programmed system to produce complicated network graphs that are automatically published onto Twitter.
- Used multithreading in order to make and publish graphs more efficiently.

Technical Skills

Programming Languages: Experienced in Java, C, C#, JavaScript and Racket.

Front-End Skills: Experienced in React.js, Redux, CSS, Bootstrap.

Back-End Skills: Experienced in .NET Core, Entity Framework Core and API development.

Platforms: Windows, MacOS, Linux and Android.

Miscellaneous: SQL, Raspberry Pi, Arduino, Adobe Photoshop and Adobe Illustrator.