

Jacob Paul Miller

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Education

INDIANA UNIVERSITY | BLOOMINGTON, IN

MAY 2018

Bachelor of Science in Computer Science

Specialization: Intelligent Systems/ Artificial Intelligence

Work Experience

LIBERTY MUTUAL INSURANCE | CARMEL, IN

MAY 2018 – CURRENT

Associate Software Developer

- Collaborated with stakeholders and UX experts to create beautiful user experiences utilizing Angular with a Micro-Frontend architecture.
- Worked within a talented train of full-stack engineers to create a new customer facing portal application.
- Contributed to the design and implementation of blazing-fast internal APIs using Java and AWS Lambda.
- Functioned within an agile team that practiced continuous integration and continuous delivery.

UNIVERSITY INFORMATION TECHNOLOGY SERVICES | BLOOMINGTON, IN

APRIL 2016 – MAY 2018

Technology Consultant

- Constructed technical knowledge of hardware and software by troubleshooting technology-related issues for the students and faculty of Indiana University.
- Aided approximately forty customers per four-hour shift while maintaining lab environments and equipment.
- Worked with administration to communicate patron concerns and filled out daily customer reports.

INDIANA UNIVERSITY | BLOOMINGTON, IN

AUGUST 2017 – DECEMBER 2017

Undergraduate Instructor

- Instructed a class of undergraduate students on iOS application development using Swift and the MVC architectural pattern.
- Reviewed assignments and held office hours for students to receive additional help.

JPMORGAN CHASE & CO. | CHICAGO, IL

SUMMER 2017

Software Development Intern

- Worked within an Agile team of developers to deliver a rapid prototype of a mobile credit sharing application using MVC architectural patterns and Test Driver Development.
- Pitched the mobile application to senior and executive members of the leadership team for funding consideration.
- Created backend validation using the Spring framework to ensure consumer identity and prevent fraud.

OFFICE OF THE VICE PROVOST FOR UNDERGRADUATE EDUCATION | CHINA AND SOUTH KOREA

SUMMER 2016

IU Ambassador

- Traveled to South Korea and China to speak with incoming international students about American culture, social norms, and the importance of a liberal arts education.
- Acquired leadership and public speaking skills by leading large groups of incoming international students in discussions about the importance of diversity and inclusion.

Skills

LANGUAGES: Java, Python, JavaScript, Swift, HTML, CSS, Ruby, C#

TOOLS & TECHNOLOGIES: Spring, Angular, ReactJS, Jira, GitHub, Bitbucket, XCode, AWS EC2, AWS S3, AWS Lambda

OTHER: Agile/Scrum, Test Driven Development, MVC, JUnit, Karma, Protractor