Avery Peck

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Education

Illinois Institute of Technology, Chicago, IL Aug 2017-Dec 2021

- GPA: 3.85, Specializing in Distributed and Cloud Computing
- Expected graduation Dec 2021 with Bachelor's in CS and Master's in CS

Experience

Software Development Intern, ABC Supply Company Dec 2020–Present

- Completed features for ABC's Order Gateway application, both backend C# and Angular UI work
- Wrote unit tests to achieve high code coverage, and API tests to insure compatibility with other applications
- Participated in Agile ceremony meetings, such as sprint planning and daily standups

Research Assistant, Illinois Institute of Technology Jan 2020–Dec 2020

- Worked under Dr. Zhiling Lan, on her research project studying the performance of a disaggregated memory architecture system at Argonne National Laboratory
- Created performance measurement scripts for various configurations of the architecture
- Presented findings in a paper submitted to two high-performance computing conferences

Research Assistant Intern, Argonne National Lab May 2020–Aug 2020

- Worked for the Leadership Computing Facility researching the performance of high-performance computing workloads on a disaggregated memory architecture

Teaching Assistant, Illinois Institute of Technology Sep 2018–May 2020

- Assisted professors by proctoring tests, facilitating discussion of concepts, and helping students with in-class work
- Created slides and tutorials for various concepts to supplement lectures

Web Developer, Binder LLC March 2019–Dec 2019

- Primary developer for Binder, a SAAS platform enabling companies to easily and securely track technical resources.
- Used a Mongo/Express/React/NodeJs stack to build parts of the application
- Used AWS Elastic Beanstalk to quickly deploy changes through pre-prod environments

Software Engineering Intern, Northwestern Mutual; Milwaukee, WI May 2019–Aug 2019

- Logged incoming GraphQL queries received by my team's micro-services
- Wrote a C# micro-service to parse the queries and send to a queue
- Created an AWS SQS queue Lambda function, and Elasticsearch cluster with a Kibana dashboard, to view frequency of queries, fields, and calling applications
- Wrote GraphQL schema and resolver updates as well as tests for new functionality

Software Dev. Intern, Clearent LLC; St Louis, MO Summers 2016, 2017, 2018

- Wrote Java and Javascript code for a payments API built in Spring Boot
- Implemented auto-documentation for payment transaction APIs using Swagger

Extracurricular

President, Association for Computing Machinery - Women Jan 2018–March 2021

- Planned speaking events, technical workshops, and conferences for IIT's chapter of ACMW
- Worked as an ACMW teaching scholar, holding tutoring hours, teaching supplementary workshops, and interacting with professors to improve the experience of women in IIT's CS department
- Created and launched a website for the chapter (www.acmw-iit.org)