Avery Peck

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Education

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

- Expected graduation Dec 2021 with Bachelor's in CS and Master's in CS, specializing in Distributed Computing

Experience

Solutions Engineering Intern, Deloitte   June 2021–Present

- Used Blazor and C# to build a proof of concept application for a clinic
- Used the low-code platform Appian to add pages and components to a new medical code processing application

Software Development Intern, ABC Supply Con   Dec 2020–May 2021

- 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 Technolog   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 presented at a high performance computing conference

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
- Graded student work and provided feedback for coding assignments
- Assisted students by explaining difficult concepts and walking them through problem solving methods

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

- Wrote a C# micro-service to parse GraphQL 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