MICHIELU MENNING

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OBJECTIVE
To obtain a summer internship in software development

EDUCATION
B.S. Software Engineering, Iowa State University *(3.76/4.00 GPA) May 2019*

WORK EXPERIENCE

IT Intern at Union Pacific(May 2017 - July 2017)
- Designed and implemented an AngularJS component to improve how demos are displayed
- Incrementally upgraded a multi-user live application without any downtime
- Developed reusable AngularJS Components
- Upgraded ES5 code to ES6
- Developed script to determine usage of company tools
- Isolated all component examples to ease developers understanding.

Software Engineer Intern at PTC (May 2016 - August 2016)
- Developed an automation test process for running tests that reduced manual testing
- Created and documented test cases which were used as the basis for test automations
- Performed exhaustive regression testing of features and functionalities on a number of different browsers and devices to verify new features across platforms

PROJECT EXPERIENCE

Project Manager and Lead Developer
- Managed the creation of a Java based 2D application from scratch
- Reported weekly updates to gauge progress of the team to authority figures

Back-end Developer for chrome extension (HackISU Hackathon)
- Communicated with front-end developers to orchestrate an efficient chrome extension
- Used chrome API's to filter http requests to block unwanted sites

Lead Front-end developer for Web Application
- Component style development for a Node.js web application
- Application creates study cards from parsing notes that were typed in a specific syntax.

Web Game Development
- Developed a 3x3 sliding puzzle game with React.js

LEADERSHIP

Community Adviser for a diverse dorm hall (August 2016- present)
- Motivate and inspire 50+ residents to perform their best by providing resources and organizing events.
- Lead bi-weekly meetings of 30+ participants

Generation Peace Academy: Barrytown, NY (August 2014- June 2015)
- Faith based yearlong leadership program for high school graduates
- Set weekly goals for eight months to measure my progress

EXPOSURE

- JavaScript, AngularJS, ReactJS, NodeJS, ES6, typescript, Java, C, C++, HTML, CSS, component-based development, Git, Github, Agile Methodology