

MICHIELU MENNING

Software Engineering

PROFESSIONAL STATEMENT:

Detail oriented and highly adaptable professional who is eager to surround himself with top professional developers to construct quality products.

PROFILE:

Education:

B.S. Software Engineering, Iowa State University

- Graduation: May 2019
- 3.77/4.00 GPA
- Iowa State's Dean's list all eight semesters

Phone:

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Email:

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Website:

www.michieliu.com

Github:

<https://github.com/Michieliu/>

SKILLS:

Programming Languages

JavaScript, Java, C++, C, SQL, Typescript, HTML, CSS, Python

Frameworks and APIs:

Angular, ArgGIS, React, React Native, Bootstrap, Express, EJS

Software and Tools:

Eclipses, VSCode, Atom, Git, TeradataSQL, SQL Developer, Microsoft Office, Jupyter Notebook, Expo,

WORK EXPERIENCE

The Boeing Company Bellevue, Washington

Analytics & Information Management Services Intern

May 2018 - August 2018

- Architected and developed a dynamic tool that allows management to make data driven decisions.
- Perform ETL data loads on a Data Warehouse to ensure accurate records.

InTrans (Institute for Transportation) Ames, Iowa

Lead Front-End Developer

September 2018 – May 2019

- Lead a team of three front end developers in brainstorming, architecting, and developing a new UI for construction workers.
- Save construction managers and workers hours every week by reading sensor data and automating processes.

Union Pacific Omaha, Nebraska

Web Development Intern

May 2017 - August 2017

- Designed and implemented an AngularJS component that instructs developers into using company tools.
- Developed two reusable AngularJS components to improve developer productivity
- Incrementally upgraded a multi-user live application without any downtime

PTC Blaine, Minnesota

Software Engineer Intern

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

OTHER 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

LEADERSHIP

Community Adviser for a diverse dorm hall

August 2016 - May 2018

- Motivate and empower 50+ freshman to excel in college by providing resources and organizing events.
- Lead bi-weekly meetings of 30+ participants

Generation Peace Academy

August 2014 - June 2015

- Faith based yearlong leadership program for high school graduates
- Personally raised over \$35,000 in person to person sales for various service projects.