

Matthew Shan

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Languages

📦 Angular 📄 HTML
📦 Node 📄 CSS
🐍 Python 📄 Matlab
⚛️ React

Technical Skills

Coding

Unit Testing

Problem Solving

Communication Skills

Collaboration

Critical Thinking

Leadership

Education

University of Notre Dame
Class of 2021
Computer Science Major
GPA: 3.65

Professional Experience

Covur | South Bend, IN

May 2018- Present

Junior Web Developer - Intern

- Designed and implemented custom features for the company's web application
- Consulted with designers and managers regarding project guidelines and status
- Led development of autonomous emailing feature
- Implemented unit tests and integration tests for all new functions and features
- Collaborated with coworkers on projects using agile design and scrum frameworks
- Leveraged multiple third-party APIs to create a better user experience for clients

Promazo: General Electric | South Bend, IN July 2018- August 2018

Software Engineer - Intern

- Partnered with General Electric to create a memo app for their internal communication
- Constructed a full stack web application from scratch using the MEAN stack
- Designed an extra application that generates a styled pdf based on the memo input data
- Communicated with the COO of GE Ventures to discuss the progress and direction of the project
- Scaffolded front-end sections of the memo app to comply with GE standards and mockups

Personal Projects

Duncan Directory App

2018

- Allows the user to search through a directory of the Duncan Student Center
- Displays relevant information and images related to the search
- Supports user submitted events for the student center and email notifications on updates
- Structured using Model View Controller architecture and refactored to components
- Managed directory information through a Parse database

Porogram (LOL Statistics App)

2018

- Displays searchable player statistics for the game League of Legends
- Generated user and mobile friendly front-end application using ReactJS and MaterialUI
- Managed backend API calls to Riot Games using python with flask framework

Weather Forecast App

2018

- Predicts the weather forecast for user-defined city for the next 3,5, or 7 days
- Constructed using an Angular Framework
- Integrated a third-party weather API to give accurate data for all regions

Activities and Clubs

Computer Science for Social Good | Member

2018

Girls Who Code | Organizer

2018

Linux Users Group | Member

2018

Asian American Association | Member

2018

Building Bridges (Multicultural Student Program) | Member

2018

Church Youth Group Missions Trip | Youth Leader

2016