

KENNY WU

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OBJECTIVE

Goal oriented full stack web developer enthusiastic in designing, implementing and maintaining both front and back-end web applications. A creative team player, achiever, and passionate problem solver with proficient skills in React and Angular seeking to apply with an opportunity to learn, develop and progress.

EDUCATION

University of Pittsburgh, Pittsburgh, PA
Master of Science in Information Science
April, 2020, GPA: 3.63

Michigan State University, East Lansing, MI
Bachelor of Arts in Economics

WORK EXPERIENCE

Full-Stack Web Developer, involveMINT, August, 2020 ~ Present
• Architect, test, build, and maintain the company's digital alternate currency web application with modern technologies including Docker, Angular, NestJS and Redis in a monorepo.

Full-Stack Web Developer, Humane Animal Rescue, January ~ April 2020
• Redesigned and built an online calendar event management system including both front-end user interface as well as back-end database management to improve site appointments coordination.

Contractor, IDEA Technology Co., Ltd., May ~ August 2014
• Installed school learning management system to enhance and provide better learning, including assembling, testing and debugging the broadcasting units, troubleshoot entire system.

Volunteer/Organizer, The Climate Reality Project Campus Corps, September 2014 ~ June 2017
• Edited social media web page and organized talks/events for climate action campaign.
• Managed petition drives dedicated to shifting awareness of climate change into urgent action.

PROJECTS

Academic

- Redesigned university wide lecture evaluation web application with Angular and Nest.js that focuses on appropriate dimensions of instruction and does so in a timely regular way to guide instructors.
- Built a course recommender system that uses collaborative filtering algorithms that provides top 20 recommendations for upcoming semester.
- Incorporated 3 types of database (SQL, MongoDB, Neo4j) into a single data warehouse to analyze query execution performance.
- Built a fully featured e-commerce web application with MEAN stack including RESTful API endpoints.

Personal

- Hosts full stack React web applications/projects on personal server with NPM and Apache web server.
- Built in-house VPN with Raspberry Pi, and private media server, personal cloud with Ubuntu.
- Built home automation and universal IR remote with Arduino.

SKILLS & LANGUAGES

Computer Language & Application: Angular, React, Nx, Redis, Nest.js, Java, Python, C, SQL, MongoDB, HTML/CSS, TypeScript/jQuery/AJAX, Bootstrap, Node.js, RESTful API, PHP, Adobe Dreamweaver

Digital Media Creation & Editing: AutoCAD, Adobe After Effects, Audition, Premier Pro, Flash Professional, Illustrator, InDesign, Photoshop, Acrobat, Microsoft Office

Language: Proficient in English and Mandarin

RELEVANT COURSEWORK

- Web Tech & Standards
- Interactive System Design
- Adaptive Information System
- Human Information Processing
- Database Management
- Algorithm Design
- Cloud Computing
- Data Structure
- Software Engineering