Amadeus Y. Kang

Front End Developer

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PROFILE

Recent computer science grad. Main interests in **front end development** and **web development**. Lay interests in statistics, creative writing, and visual design.

EDUCATION

B. S. Computer Science
James Madison University
Harrisonburg, VA
2018 - 2022

PROJECTS

Cinema Database
- Designed, programmed, deployed, and **live-demonstrated** a **React** app for listing and archiving films and film data in a 2-person team. Retrieved dataset from IMDb. Remotely hosted on a DigitalOcean droplet server with **Apache**.

Complex Number Calculator
- **Led development in 4-person team** to deploy complex number calculator with GUI in Java.
- Practiced **scrum**; planned sprints, conducted client interviews, and presented reports to stakeholders.

Weather Forecast App
- Designed, programmed, hosted, and deployed a web app to fetch global and real-time geographic and meteorological API data for a specified state and city.

Human-centered Vehicle Design
- Led, organized, and delegated tasks for 10-person sophomore engineering team to design a tandem bike for physically disabled child client with arthrogryposis. Interviewed clients, consulted mechanics, assembled bill of materials, rated prototypes, built proof-of-concepts in SolidWorks, fabricated parts by drilling and sawing. Demonstrated and delivered product to satisfied client.

EMPLOYMENT

GameGym / Web Development Intern   Mar 2022 - Aug 2022, North Bethesda, MD
- Routinely updated and formatted news posts, announcements, articles, web pages in Wordpress.
- Tested accessibility and usability across various browsers and mobile devices.

ACTIVITIES

Think Wrong Blitz
- Invited by engineering professors to an engineering design exercise. Studied identifying affordances, constraints, and pain points by deliberately designing impractical and dangerous solutions to improving public transportation infrastructure.

Bluestone Hacks 2017
- Teamed with another programmer and graphic designer to design a home media device. Drafted preliminary designs on paper and in CAD, 3D printed prototypes, demonstrated and presented designs to judges.

TECHNICAL SKILLS

- Languages: **HTML/CSS/JavaScript**, **Java**, **Python**, **Ruby**, **C**, **SQL**
- Frameworks and Libraries: **Node,js**, **React.js**
- Tools: **Git**, **Bash**, **MongoDB**, **Jest**, **ESLint**, **Webpack**