Kabiltan Kalaichelvan (US Citizen)

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EDUCATION

The University of Wisconsin - Madison   Madison, Wisconsin
Bachelor of Science in Computer Engineering **3.91/4.0 GPA**   *Aug. 2019 – Dec. 2023*

TECHNICAL SKILLS

Programming: Java, JavaScript, TypeScript, HTML/CSS, MongoDB, DynamoDB, React.js, Node.js, Express.js, Springboot
Developer Tools: Amazon Web Services, GitHub, Git, Visual Studio Code, Eclipse, Jupyter, Microsoft Office
Languages: English, Tamil

PROJECTS

Covid-19 Machine Learning Model - Uses: Python, Jupyter Notebooks
- Worked in conjunction with two undergraduate students and one PhD student to train a random forest machine learning model that was able to correctly classify Covid-19 in patients with 83% accuracy

Path Finding Visualizer - Uses: JavaScript, HTML, CSS, React.js
- Web application that allows users to visualize various path finding algorithms such as A-star and Dijkstra's

EXPERIENCE

Amazon - Software Engineer Intern   May 2023 – August 2023
Amazon.com, Inc.   *Arlington, VA*
- Collaborated with Chase Bank to transition edit funding source and edit autopay to Amazon website
- Wrote and tested API calls to allow Amazon to communicate with Chase bank
- Improved current user interface to allow customers to seamlessly edit their funding source and edit autopay setups in 33% fewer button clicks

Travelers Insurance - Software Engineer Intern   June 2022 – August 2022
The Travelers Companies, Inc.   *St. Paul, MN*
- Worked on a team to design and develop a full stack application that uses natural language processing to quantify the emotions of 2000+ employees
- Deployed full stack application to AWS using services such as API Gateway, Lambda, DynamoDB, EC2, and S3
- Demoed final application to a group of Senior Vice Presidents

Department of Information Technology - Student Manager   November 2019 – Present
The University of Wisconsin - Madison   *Madison, WI*
- Provide over the phone, chat, and email support to faculty, students, and staff
- Train and monitor newly hired employees
- Answer questions from agents working on the floor and ensure operations run smoothly

AWARDS AND ACHIEVEMENTS

Claude and Dora Richardson Engineering Scholarship   August 2020, August 2021, August 2022
- Received scholarship from the UW-Madison Department of Electrical and Computer Engineering for outstanding academic performance in engineering courses

Dorothy Marshall Frawley Scholarship to honor Charles J Marshall Frawley   August 2020
- Received scholarship from the UW-Madison Department of Electrical and Computer Engineering for outstanding academic performance in engineering courses