

# KAVYA MANDLA

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## EDUCATION

**University of Portland– B.S.**  
Computer Science  
Minor: Business Administration –  
Marketing  
Graduated: May 2021

## CERTIFICATIONS

AWS Certified Cloud Practitioner

## SKILLS

### Languages:

• Python • Java • JavaScript  
• HTML/CSS • jQuery • React  
• MongoDB • Node.js • SQL

### J2EE Technologies:

• Spring • Spring Boot • Spring JDBC

### Databases:

• MongoDB • MySQL • Eclipse  
• Visual Studio Code • IntelliJ

### Web Services:

• REST

### Scripting Languages:

• HTML • JavaScript • CSS

## ORGANIZATIONS

Alpha Kappa Psi  
Global Engineering Initiative  
Association for Computing Machinery

## INTERESTS

UI/UX Design, Web Design, Music  
Production, Machine Learning, Golfing,  
Swimming, Dance

## WORK EXPERIENCE

### Full Stack Developer

UC Berkeley, Berkeley, CA

June 2022 – Present

- Full Stack Bootcamp that requires 750+ hours of learning and working on projects using languages such as HTML/CSS, JavaScript, jQuery, Ajax, React, MySQL, Firebase, MongoDB, Express, Node.js, and GraphQL for creating dynamic web applications.

### Software Engineer

Genentech, Hillsboro, OR

May 2021 – May 2022

- Developing a web application that tracks shipment data using React as a frontend framework and REST API's for getting data from the back end.
- Followed an Agile scrum development process.

### Process Automation Engineer Intern

Genentech, Hillsboro, OR

May 2019 – August 2019

- Designed and developed XSL transformed stylesheet to produce a well-formatted and readable word document from large XML files.
- Debugged issues found in previous stylesheets and provided design documentation in compliance with the company's standard operating procedures.
- Followed an Agile scrum development process.

### Computer Science Grader

Shiley School of Engineering, Portland, OR

January 2019 – May 2019

- Graded Java projects for the introductory course at the university.

### Shiley School of Engineering Senator

Associated Students of UP, Portland, OR

January 2019 – May 2020

- Working on resolving issues regarding student affairs; diversity & inclusion, and equity on behalf of the School of Engineering.

## PROJECTS / PUBLICATIONS

### Wordle Clone Web Application

February 2022 – March 2022

- Developed a React based Wordle Clone that allows a user to guess a 5 letter word in 6 tries. The game will consist of 3 levels of difficulty where players can choose the number of letters they want to guess. Fetched valid word from dictionary API.

### Comfort2Go Food Delivery Web Application

September 2021 – December 2021

- Designed and developed a MERN stack web application that allows users to order homemade food from different home restaurants and get it delivered as soon as possible.

### Forkify Web Application

September 2021 – October 2021

- Developed a MVC architecture web application that allows users to quickly find recipes. Fetched data from the Forkify API using Vanilla JavaScript.

### ML Powered User Segmentation – Senior Capstone

August 2020 – May 2021

- Implemented a machine learning model that used clustering to group real estate agents into behavioral cohorts that are associated with increasing the number of annual transactions, customer longevity, and login frequency.
- Leveraged hypothesis testing to ensure findings were statistically significant while being mentored under Market Leader. Followed an Agile scrum development process.

### Unify Gaming Web App – Software Engineering

January 2020 – May 2020

- An integrated web application where users will have seamless access to the application to heighten their game experience and monetize their skills.
- Effectively lead two teams in an Agile scrum process to prototype the user interface and complete the software requirements document to the needs of our client, Unify Gaming.

### NowYouSee Mobile App – DubHacks Hackathon.

October 2019

- Developed a mobile application that allows colorblind people to help coordinate the color of their outfits using Google Cloud Video Intelligence API and Microsoft Azure Cognitive Algorithms API.

### Wetland Ecosystem Data Analysis Project

August 2019 – December 2019

- Analyzed data to assess the impact of environmental stressors, human factors, and physical features of the wetland on the biodiversity of wetlands using Python and R.

## EXTRACURRICULAR ACTIVITIES

### South Asian Student Union

Founder & Vice President

January 2019 - Present

- Directed meetings, event planning, and collaboration with other cultural groups.

### Society of Women Engineers

Outreach Coordinator

March 2019 – May 2020

- Spearheaded logistics for conferences, career fairs, and outreach events.