

MAHIMA SHANWARE

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EDUCATION

CARNEGIE MELLON UNIVERSITY 2022 | INFORMATION SYSTEMS AND COMPUTER SCIENCE

- Related coursework: 15-122 Principles of Imperative Communication, 67-250 Information Systems Milieux, 15-112 Fundamentals of Programming, 21-127 Concepts of Mathematics, 36-202 Statistical Methods for Data Scientists

SKILLS

- **LANGUAGES:** Advanced in Python, C, HTML/CSS/JavaScript.
- **TECHINICAL SKILLS:** MySQL, Hadoop, Front-End Web Development, Microsoft Office, Object-Oriented Programming, Top-Down Design, Product Management.
- **SOFT SKILLS:** Active Learning, Strong Work Ethic, Problem Solving, Adaptability, Leadership, Dependability

EXPERIENCE

INTERN | HEART N SPICE | 06/2017 – 08/2017

- Managed the implementation process of a new Chrome Extension to complement existing features of the product PINrx, which utilizes user's genome data and medical record to create a lifestyle and meal plan.
- Created a potential feature that allowed users to access an extension through a recipe website that returned nutritional facts and a health rating.
- Advised user of suitable recipes by parsing recipe data, analyzing the ingredients, and comparing recipe attributes to the user's own health profile.

INTERN | MYVILL | 06/2016 – 08/2016

- Performed data collection in the form of reviews and consumer use data for the iPhone application MyVill.
- Collected and statistically analyzed more than 1000 inputs and presented them in an easy-to-use format.
- Coded a "Global Report Card" potential feature which compared students across the world.

PRESIDENT | BIOTECH CLUB, MONTA VISTA HS | 06/2016 – 06/2018

- Lead weekly club meetings including experiments and case studies for members.
- Started the annual "BioTech Night" featuring talks from industry leaders in the Silicon Valley. First event raised nearly \$500 for cancer research, increased exposure of many niche technical fields for Monta Vista High School students, and boasted attendance of 150 students.
- Ran promotional campaigns on social media that increased club membership by 125%.
- Collaborated and lead a small officer team of 6 students to oversee 50 active members.

PROJECTS

MEDTYPE

- Created a stroke detection device that using typed user input, can potentially determine whether that individual is at risk for a stroke in the near future.
- Implemented a K Nearest Neighbors machine learning algorithm from scratch in order to return a risk/not at risk rating. Learned and applied concepts of UI/UX and product design.
- Link: <https://youtu.be/7vtEPlpmkJI>

THE BUTTERWOOD BAKE CONSORTIUM WEBSITE

- Used HTML, JavaScript, CSS, and JQuery to create an engaging website for a local bakery.
- Implemented slideshows, accordions, a sticky header, and page jumps.

AWARDS AND INTERESTS

- **AWARDS:** AP National Scholar with Distinction - 2017, Grand Concours National French Competition Silver Medal (2015 & 2016) and Bronze Medal (2017), Top 15 Nationally for FBLA "Client Services" (2015), 2nd Place in California for FBLA "Public Service Announcement" (2016),
- **INTERESTS & CLUBS:** Kappa Kappa Gamma, Society of Women Engineers, CMU Raasta, Volleyball