Anjali Devakumar

anjali.devakumar@gmail.com | 510-673-5297
linkedin.com/in/anjali-devakumar | https://adevakumar.github.io/portfolio/

Education

University of Massachusetts, Amherst - Commonwealth Honors College **(GPA: 3.89)**   *Sept 2015 - May 2019*
Major: Computer Science B.S., **Minor**: Psychology
Awards: Senior Leadership Award ('19), Dean's Merit Award ('18), Grace Hopper Travel Scholar ('18), Chancellor's Award ('15-'19)
Coursework: Human-Computer Interaction, Artificial Intelligence, Data Management, Data Structures & Algorithms (Course Citation), Web Programming, Data Visualization, Software Entrepreneurship, Cognitive Psychology

Skills

Languages: Proficient in Python, SQL (Postgres), HTML, CSS, Bash, Git; Familiar with Javascript, MATLAB
Frameworks/Libraries: Familiar with D3.js, Dc.js, Django, React.js, Node.js, Bootstrap, Bulma
Design: Proficient in Sketch, Adobe XD, InVision, Canva, Prototyping, Storyboarding, User Personas
Miscellaneous: Familiar with REST APIs, Agile & Lean Methodologies, Trello; Experienced in Public Speaking

Work Experience

The TJX Companies - Security Operations Intern   *May - Aug 2018 | Marlborough, MA*
- ❖ Integrated security tools (TruStar, Pastebin) with Python scripts and API calls to automate tasks and introduce new security protocols that save analysts time and increase threat intelligence accuracy
- ❖ Accommodated multi-level security team on threat analysis (SourceFire, Palo Alto, Request Tracker) to understand user needs and develop relevant tools
- ❖ *AI Outfit Generator* (external intern project within e-Commerce dept.): Created front-end website and Microsoft Azure API connections for an AI Outfit Generator prototype that matches a user's personal style to products on TJMaxx.com

Optum (United Healthcare) - Technology Development Intern   *Jun - Aug 2017 | Boston, MA*
- ❖ Designed visualizations with ElasticSearch and Kibana for a near real-time search tool which queries through millions of health insurance policy data fields and displays results to enhance user experience and increase analysis efficiency
- ❖ Developed web prototype with React.js and Bulma that ranks client issues to boost workflow productivity and task organization

Notable Projects

Personal Website (https://adevakumar.github.io/portfolio/) Coded with HTML/CSS/JS to showcase current work and projects

Honors Thesis (*UMass*): "Enlisting Principles from Cognitive Psychology to Design Secure Email Interfaces": Created research proposals and experiment protocols, iteratively designed email prototypes using literature review insights, developed interactive experiment with MATLAB, conducted A/B testing with users, built data visualizations to show results, and publicly defended thesis
- ❖ Awarded Honors Research Grant (Dec '18)
- ❖ Presenter at Massachusetts Undergraduate Research Conference (Apr '19)

Mastree (*UMass*): Served as design and branding lead (developed brochure, logo, and web design) on 5-person team for life-skills education startup idea for Software Entrepreneurship class

FridgeHelper (*UMass*): Intro to HCI final project. Conducted user research and developed rapid prototypes, personas, and UI on a three-person team for website that eliminates food waste by prioritizing foods by expiration date and generates recipes

Other Relevant Projects: Facilitating Online Piano Learning, Choose My Clothing, Visualizing US School Data

Leadership and Volunteering

College of Computer Science - Recruitment and Outreach Ambassador   *Jan 2017 - May 2019 | Amherst, MA*
- ❖ Facilitated information sessions, answered questions, and represented the major at events to recruit prospective students and improve diversity and inclusion efforts

College of Computer Science - Peer Buddy   *Sep 2018 - May 2019 | Amherst, MA*
- ❖ Advised one freshman CS major via monthly meetings to provide resources and assist her in overcoming obstacles

Code For Fun - Instructor   *Jul 2016 - Aug 2016 | East Palo Alto, CA*
- ❖ Taught game development and programming concepts using Scratch to 15+ middle schoolers in summer camp

ACM SIGGRAPH - Student Volunteer   *Aug 2018 | Vancouver, BC, Canada*
- ❖ ACM (Assosciation for Computer Machinery) Special Interest Computer Graphics and Interactive Technologies
- ❖ Set up Oculus Rift headsets and controllers for technical classes and aided participants with troubleshooting