

Anjali Devakumar

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Education

University of Massachusetts, Amherst, Commonwealth Honors College

Sept 2015 - May 2019

Major: Computer Science B.S, **Minor:** Psychology (**GPA: 3.87**)

Awards: Dean's Merit Scholarship (18), Grace Hopper Travel Scholarship (18), Chancellor's Scholarship (15-19)

Coursework: Data Management, Data Structures & Algorithms, Web Programming, Human-Computer Interaction, Artificial Intelligence, Cognitive Psychology (expected), Honors Research

Skills

Languages: (proficient) Python, SQL (Postgres), HTML, CSS, Bash, Git (familiar) Javascript, MATLAB, Java

Frameworks/Libraries: Django, jQuery, React.js, Node.js, Bootstrap, Bulma

Design: Photoshop, InVision, Prototyping, Storyboarding, User Personas

Miscellaneous: REST APIs, Agile & Lean Methods, Mac OSX, Unix/Linux, Windows, Microsoft Azure Cognitive APIs

Relevant 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) in order to understand user needs and develop tools for them

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 a website prototype using React.js and Bulma that prioritizes client issues to boost workflow productivity and task organization

College of Computer Science - Recruitment and Outreach Ambassador

Jan 2017 - Present | Amherst, MA

- Facilitated information sessions, answered questions, and represented Computer Science at major events to recruit prospective students and improve diversity and inclusion efforts

College of Computer Science - Peer Buddy

Sep 2018 - Present | Amherst, MA

- Advised one freshman CS major through monthly check-in meetings to assist her in overcoming obstacles

Projects

- **Personal Website (<https://adevakumar.github.io/portfolio/>):** Showcases current research and projects in more depth
- **FridgeHelper:** Conducted user research and developed rapid prototypes, personas, and UI for website that eliminates food waste by prioritizing foods by expiration date and generating recipes
- **Machine Powered Fashion:** Developed front-end website and Microsoft Azure API connections for an artificially intelligent Outfit Generator prototype at TJX that matches a user's personal style to products on TJMaxx.com
- **iCONS (Integrated Concentrations in Science):** Devised a mathematical model that correlates mosquito population and impacted countries' climate conditions to assist the CDC in Zika Virus research (featured on The Recorder & UMass News)
- **Facilitating Online Piano Teaching:** Simulated 3D models with a structure sensor and an aerial playing perspective with Google Glasses to recreate a real-time piano lesson in a virtual environment

Volunteering

UMass CS Women's Club — Instructor

Apr 2017 - Present | Amherst, MA

- Instructed high school girls on programming and problem solving approaches during Women in Computing Day workshops

ACM SIGGRAPH — Student Volunteer

Aug 2018 | Vancouver, BC, Canada

- Set up Oculus Rift headsets and controllers for technical classes and aided participants with troubleshooting
- Represented multiple exhibits and explained necessary technology and display pieces to engage attendees