

# Anjali Devakumar

[adevakumar@umass.edu](mailto:adevakumar@umass.edu) | 510-673-5297

[linkedin.com/in/anjali-devakumar](https://www.linkedin.com/in/anjali-devakumar) | <https://adevakumar.github.io/portfolio/>

## Education

**University of Massachusetts, Amherst**, Commonwealth Honors College

Sept 2015 - May 2019

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

**Honors Thesis:** "Enlisting Principles from Visual Psychology to Design More Secure Interfaces" (Faculty Advisor: Prof. Kyle Cave)

- Honors Research Grant (19)
- Presenter at Undergraduate Research Conference (19)

**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), Data Visualization (expected), Software Entrepreneurship (expected)

## Projects

- **Personal Website** (<https://adevakumar.github.io/portfolio/>): Coded from scratch to showcase current work 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
- **AI Outfit Generator**: 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
- **Facilitating Online Piano Teaching**: Simulated 3D models and an aerial playing perspective of a piano with a structure sensor and Google Glasses to recreate a real-time piano lesson in a virtual environment

## Relevant Experience

**College of Computer Science - Recruitment and Outreach Ambassador**

Jan 2017 - Present | 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 - Present | Amherst, MA

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

**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

**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

## 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

## Skills

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

**Frameworks/Libraries:** (familiar) Django, jQuery, React.js, Node.js, Bootstrap, Bulma

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

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