

Anjali Devakumar

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Tenacious, detail-oriented, design-minded developer focused on leveraging computing for the common good. Seeking opportunities for a Software/Web Development or UI/UX role.

[linkedin.com/in/anjali-devakumar](https://www.linkedin.com/in/anjali-devakumar)

Education

University of Massachusetts, Amherst

Commonwealth Honors College , GPA: 3.86

Major: Computer Science (BS), Psychology Minor

Courses: Algorithms, Human-Computer Interaction, Artificial Intelligence, Computer Vision, Data Structures, Web Programming, Computer Systems, Reasoning Under Uncertainty, Digital Humanities

Relevant Experience

The TJX. Companies — Security Operations Developer

MAY 2018 - PRESENT | Marlborough, MA

Optum — Data Analytics Developer

JUNE 2017 - AUGUST 2017 | Boston, MA

→ Collaborated on a near real-time search tool to query and visualize millions of health insurance policy data using ElasticSearch, Kibana, and the Apache Big Data ecosystem (Spark/Scala/Hadoop)

→ Developed a website prototype for Unitedhealthcare's Issue Tracking project using React.js and Bulma on an Agile team

UMass Amherst CS — Recruitment and Outreach Ambassador

JANUARY 2017 - PRESENT | Amherst, MA

→ Led tours and answered questions regarding the major to recruit potential students and improve diversity and inclusion efforts
→ Represented Computer Science at major/career fairs and panels

UMass CS Women's Club — Instructor

APRIL 2017 - PRESENT | Amherst, MA

→ Taught high school girls coding fundamentals and problem solving approaches in annual Women in Computing Day

Synocate— Data and Sales Intern

JULY 2016 - AUGUST 2016 | Palo Alto, CA

→ Updated and maintained the user interface of an in-house college application tracking software
→ Compiled data on historical and current students in Excel and Hubspot to develop a comprehensive marketing plan to gain local traffic

Code For Fun — Instructor

JULY 2016 - AUGUST 2016 | East Palo Alto, CA

→ Taught programming using Scratch to 15+ middle schoolers

Skills

Programming: Python, Java, MATLAB, SQL, HTML, CSS, Javascript, C, Scratch, Command Line, Psychtoolbox

Frameworks/Libraries: Git, Django, jQuery, React.JS, Jekyll, Bootstrap, Bulma, Material Design, REST/HTTP Requests

Operating Systems: Mac OSX, Linux, Windows

Security Tools: Sourcefire, Nexpose, IBM QRadar

Design: Photoshop, Wireframes/Storyboarding, Canva

Awards

Dean's Merit Scholarship (2018)
Chancellor's Scholarship

Projects

FridgeHelper: Conducted user research, rapid prototypes, and developed UI for website that allows users to log food in their fridge and generate recipes

Facilitating Online Piano Teaching: Created 3D models and an aerial playing perspective using a Structure Sensor and Google Glasses to recreate a real-time piano lesson in a virtual environment

ML/Vision Handwritten Digit Recognizer: Trained MNIST dataset to predict the identity of a handwritten digit with over 90% accuracy using various machine learning classifiers

iCONS (Integrated Concentrations in Science): Collaborated on a public health model to assist the CDC in Zika virus research (featured on The Recorder and UMass News)

Conferences

Grace Hopper (Full Scholarship) 2018
SIGGRAPH 2018