

Niharika Jayanthi

User Experience Engineer

I am passionate about using design and code to solve complex, real-world challenges

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EXPERIENCE

UX Engineer, numo LLC (PNC innovation lab) - CMU Capstone

Pittsburgh, PA (Jan 2020 - Aug 2020)

- Led team of 5 in coding and development of the final solution; rapidly built and tested prototypes; built reusable website components
- Researched rewards programs to help local merchants grow their business by leveraging data from Card-Linked Offers
- Improved customer experience by showing offers that are tailored to their lifestyle

Frontend Engineer, Tata Consultancy Services

Mumbai, India (Aug 2016 - Jun 2019)

- Developed interactive solutions for clients and led front-end teams in building responsive websites and cross-platform mobile apps (Android and iOS), integrated with REST APIs
- Trained over 30 employees in Angular and over 15 employees in Ionic framework to help develop talent within internal teams
- Coded automated end-to-end and unit tests to check overall application robustness and maintained code quality using SonarQube

Intern, Indian Institute of Technology, Bombay

Mumbai, India (May 2015 - Jul 2015)

- Developed and documented image processing modules for a FireBird V robot that can be used to navigate known territories that may be unsafe for human exploration

PROJECTS

ConTroll

Carnegie Mellon University (Oct 2019 - Dec 2019)

- Developed a Chrome browser extension and built a Python server that integrates with a model trained to classify troll comments on YouTube

Kina (Mental Health Companion)

Carnegie Mellon University (Apr 2020 - May 2020)

- Designed a conversational agent in VoiceFlow that helps people monitor their mental health under quarantine

EDUCATION

Carnegie Mellon University

School of Computer Science

*Masters in Human-Computer Interaction
(Aug 2019 - Aug 2020)*

- Coursework: User-Centered Research, Human-AI Interaction, Interaction Design Studio, Service Design

University of Mumbai

Dept. of Computer Engineering

*Bachelors in Computer Engineering
(Aug 2012 - Jun 2016)*

- Coursework: Human-Machine Interaction, Web Technologies, Data Structures

SKILLS

Development

HTML, CSS, JavaScript, Angular, React, Sass, Bootstrap, JQuery, Ionic, Python, Git, npm, SQL, DevOps

Design

Storyboarding, Wireframing, Rapid Prototyping, Interaction Design, Information Architecture, Service Design, Conversation Design

Research

Heuristic Evaluation, Contextual Inquiry, Affinity Diagramming, Think-Aloud, Speed Dating, Journey Mapping

ACHIEVEMENTS

Rank 10, CodeVita (2015)

- Team of 2 ranked 10th internationally from over 2000 participating teams