

Shivang Gupta

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<http://shivang.info>

EDUCATION

Carnegie Mellon University, Pittsburgh, PA
Human Computer Interaction Institute, School of Computer Science
Master of Education Technology and Applied Learning Sciences (GPA: 4.06/4.33)
AUGUST 2018 - AUGUST 2019 (expected)

Hong Kong University of Science and Technology, Hong Kong
School of Engineering
Bachelor of Engineering in Computer Science Engineering
Minor in Big Data Technology, Concentration in Entrepreneurship
SEPTEMBER 2013 - MAY 2017

EXPERIENCE

CodeCoach, San Francisco, CA (Remote) — *Learning Engineer*
FEBRUARY 2018 - JULY 2018

- Created online computer science curriculum for students aged 7-18, currently being used by over 40 teachers across the world.
- Designed online tutoring tool and coordinated with a team of developers to implement and test it, currently being used for 50 classes per week.

SG Diabetes Center, New Delhi, India — *IT Manager*
JUNE 2017 - JULY 2018

- Conducted user research (interviews and surveys) to understand technology needs and highlighted 3 key areas for improvement.
- Led a team of 5 and implemented an Electronic Health Record system and migrated 20 years of patient data to the new system.

First Code Academy, Hong Kong — *Education Technology Consultant*
JANUARY 2015 - MAY 2017

- Taught 40+ classes. of up to 15 K-12 students, computer science principles.
- Designed, developed and iteratively improved curriculum for over 10 courses and workshops.
- Collaborated with a team of 20+ instructors across 3 countries and formulated training materials for seasonal hires.

PROJECTS

Capstone Project at Carnegie Mellon University — *Ongoing*

- Team coordinator in charge of project management, communication and coordination between clients, team members and mentors.

Bots as Personal Caregivers for Diabetics — *Undergraduate Thesis*

- Theorized, designed and implemented a Facebook Messenger Chatbot to help diabetic patients manage their disease.

Apotechary — *Healthcare Wearable Startup*

- Founder and Lead Product Designer.
- Designed, developed and raised investment for wearable monitor to improve quality of life for chronic patients.

RELEVANT COURSEWORK

Product Management
Human AI Interaction
E-Learning Design Principles
Interaction Design Overview
Interactive Data Science
Tech Innovation Management
Practicing Cybersecurity
Cloud Computing

AWARDS

UPMC Hack for Hope First Place -
Fall 2018

METALS Merit Scholarship -
August 2018

HKUST SENG Dean's List -
Fall 2016, Spring 2017

HKUST President's Cup Finalist -
Spring 2017

HKUST University Scholarship -
August 2013

SKILLS

UX: User Research, Cognitive Task Analysis, Contextual Inquiry

Design: Instructional Design, Rapid Prototyping, IoT Prototyping, Invision, Sketch, Adobe CC Suite

Development: Python, JavaScript, HTML5, SciKit, NumPy, Flask, Rails, Hadoop, Spark, Tableau, MySQL

Other: Project Management

ACTIVITIES

CMU Graduate Student Assembly
Department Representative

Alpha Kappa Psi Chi Phi Chapter
Vice President

HKUST South Asian Students' Society
Vice Chairperson