

Gowtham Ashok

Computer Science and Human-Computer Interaction New Graduate

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EDUCATION

University of Maryland, College Park — *MS Human-Computer Interaction*

AUGUST 2015 - MAY 2017 — 3.6 / 4.0

Anna University, — *BE Computer Science and Engineering*

AUGUST 2011- MAY 2015 — 8.3 / 10.0

EXPERIENCE

ARHU, University of Maryland - *Web and Applications Developer*

FEB 2016 - MAY 2017

Wrote Drupal modules and maintained PHP code that managed the college websites. Used Git extensively to collaborate with a team of four. Helped in designing UI/UX.

Google Code-in 2014, KDE— *Mentor*

DEC 2013 - JAN 2014

Mentored high-school students in Google Code-in.

Google Summer of Code 2013, KDE— *Software Developer*

MAY 2013 - SEPT 2013

Integrated a C++ module to sort photos by quality in a large open-source application

PROJECTS

Games for Women in Tech (Product Design)

Collaborated with a multi-disciplinary team to design and implement the user experience of games to help people become more assertive ([link](#)). Used contextual design in a user-centered approach.

Neutrino Wand (Product Design)

Designed and implemented a prototype device to help the Ghostbusters movie fighters fight down ghosts. Did user testing, usability testing, storyboarding. ([link](#))

IQ Solver (Python)

Wrote a Python agent to solve IQ tests which were presented to the program via pictures. Used the pillow library to process images.

Safe Chat (Python)

Simple chatbot that can identify offensive words using Python ([link](#)).

SKILLS

Prototyping

Personas

Usability Testing

Wireframing

Contextual Design

Inclusive Design

Interviewing

Storyboarding

Game Design

HTML/CSS/Javascript

Python

C

C++

Java

PHP

SQL

Linux

Arduino

Git

Jira

AWARDS

Intel App Innovation Contest 2013 Dev Phase (Top 125) - Based on App Mockup

Intel RealSense App Challenge 2014 Dev Phase (Top 125) - Based on App Mockup

Open-source workshop instructor - Shaastra, IIT Madras 2013