

Kaivan Shah

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Education

University of Texas at Austin, TX

Bachelor of Science

Major: Computer Science

Courses: CS 371p – Object Oriented Programming, CS 345 – Programming Languages

August 2015 – May 2017

GPA: - 4.00

Technical Skills

Programming

Web Development

App Development

C++, Java, Haskell, C

HTML, JavaScript and CSS.

Android, Google Cardboard

Work Experience

Google Summer of Code 2015

Software Developer (OpenCog foundation)

May 2015 – August 2015

Mentor: Dr. Ben Goertzel

- Built a Genetic Programming prototype that evolves arbitrary programs involving fold.
- Created a strongly typed GP such that no invalid structures are made during random generation of nodes
- Implemented GADTs (Generalised Algebraic Data Types) with Kinds.
- Studied various concepts in genetic programming like mutation, crossover, and fitness function; which I used to evolve my programs.

Reynolds & Reynolds, College Station

ITO Technician

October 2014 – July 2015

Supervisor: Sapien Cipriano

- Installed and configured computer hardware systems and IT software.
- Worked on website of the department during the summer.

College of Liberal Arts, Texas A&M, College Station

Student Technician

Dec 2013 – October 2014

Supervisor: Brad Epps

- Aided co-employees in troubleshooting computer, printer, internet and Wi-Fi/router issues.
- Setup of computer station with complete installation of software for the professors.

Co-curricular Activities

Microsoft college coding competition: Our team came in 7th amongst 30 teams that competed.

HackTX: The app was created to work with Google cardboard and give the user a 3-D simulator ride experience.

TamuHack: Built an Android app named Random which did random things when tapped on the screen.

Microsoft Hackathon: My first hackathon and I tried building a Windows Phone App.

Space '13: Designed banners, posters using Adobe Photoshop; and managed the website for the event.

Projects:

SnapBox: A user interface application to save images with tags, date and gps location.

PhoneBook: A software application to crunch in the data of a phonebook and find the contacts with optimized search techniques.

Extra-curricular Activities

IGSA: Organize events and help incoming students settle on-campus.

Punaravas School & St. Catherine's home: Organizer of Events for the children.

Spreading smiles: Started and organized the working of a social cause committee.