

Ronak Shah (F-1 Student Visa)

Houston, Texas

Mobile: (832) 454-9469

Email: shahronak1996@gmail.com

GitHub



OBJECTIVE

To obtain an internship in a computer science related field.

EDUCATION

University of Houston, College of Natural Sciences & Mathematics, Houston, Texas

Bachelor of Computer Science in Software Design

Graduating: May 2018

HONORS AND AWARDS

IB Diploma Recipient: 2014

Dean's List: Spring, 2016

SKILLS

Proficient in Java, C++, HTML and CSS, JavaScript (Node.js, MeteorJS with React)

Intermediate in Python, Adobe Photoshop/Illustrator/Dreamweaver (CS6)

Operating Systems: Windows, Mac OSX, Linux (Fedora, Kali, Ubuntu)

PROJECTS

ZedBoard Beowulf Cluster Computer – Password Cracker

University of Houston, Texas

February 2016 – April 2016

- Created a Beowulf cluster of 4 ZedBoards
- Used a SHA1 encoded rainbow table of 10 character alphanumeric hashed passcodes
- End results came out to 517,216,342 hashed passwords checked per second
- 11 minutes to traverse hashes and crack desired password (inputted by user via hashcode)

EXPERIENCE

Website Manager (volunteer)

Om Enterprise Inc. Houston, Texas

May 2013 – August 2013

- Managed website content: maintaining, updating, and formatting
- Trained owner and another employee in HTML and CSS in order to assure self-sufficiency upon my departure

Hardware Specialist (volunteer)

Trylene Inc., Sugarland, Texas

May 2014 – September 2014

- Charged with thoroughly inspecting circuit board assemblies ranging from SMT to Box build assemblies
- Recognized by owner for discovering a crucial flaw in a large order prior to their shipment
- Placed in charge of maintaining hardware backups for all machine equipment within the workplace

Graphic Designer (Volunteer)

PJK Entertainment, Houston, Texas

August 2015 – Present

- Designed a logo for the company
- Created website from scratch (www.pjkentertainment.com) using Javascript CSS (Bootstrap 3), and HTML

ACTIVITIES & ORGANIZATIONS

Cougar CS, University of Houston, Houston, Texas

September 2015 – Present

- **President (2016-2017)**
- **Webmaster (2015-2016)**
 - Developed the website (www.cougarcs.com) using CSS (Bootstrap 3), HTML, and JavaScript
- Aided in the organization of the **CodeRED: Liftoff (Fall 2015)** hackathon by being actively engaged in the Logistics Management team and managing Sponsorships
 - Completely independent – no aid from department of university
 - Over 600 attendees – One of the top two hackathons in Texas
 - Notable sponsors included: Microsoft, Chevron, Exxon Mobil, and Monster Energy
- **CodeRED: Curiosity (Fall 2016) – Executive committee; President – <https://uhcode.red/>**
 - Completely independent – no aid from department of university
 - Over 800 attendees estimated
 - Currently developing an app for the hackathon which will have QR capabilities, enable communications between sponsors, judges, mentors, attendees, volunteers, and organizers
 - + App will be primarily programmed in Javascript
 - + The front-end will be done using the React Native and Redux frameworks
 - + The back-end will be done using the KeystoneJS CMS, along with SQL for the database