

SHIRAZ CHOKSHI

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EDUCATION

Purdue University

Bachelor of Science in Computer Information Technology

August 2017 - May 2021

West Lafayette, IN

Thomas Jefferson High School for Science and Technology (TJHSST)

Received Jefferson Diploma

September 2013 - June 2017

Alexandria, VA

- Advanced Computer Science courses: AP Computer Science and Data Structures, Artificial Intelligence, Mobile/Web Application Development, Computer Vision, Parallel Computing

Senior Capstone Research Project:

Hardware Engineer

- Haptic Feedback Suit for Virtual Reality – created a suit using vibration motors, Raspberry Pi, and the Microsoft Kinect so users can feel interactions in a virtual environment to simulate training of high-risk procedures

RELEVANT SKILLS

Knowledge of: Java, Python, Android, Javascript, HTML, JQuery, CSS, Node.js, React.js, C, C++, SQL, Raspberry Pi

Stacks: MERN, PERN, LAMP

WORK EXPERIENCE

Delta Mu Kappa, Professional Entrepreneurial Fraternity, Purdue University

Professional Development Co-Chair

December 2017 – Present

West Lafayette, IN

- Plan events focused on developing professional skills of 150+ students. Events focus on industry marketing (resumes/LinkedIn/headshots/recruiters), start-ups and entrepreneurial ventures.

Capgemini Government Solutions (CGGS)

Intern

July 2017 – August 2017

McLean, VA

- Created an architectural analysis and developed a Proof of Concept for a fraud detection algorithm using python
- Utilized PostgreSQL, Express, React.js, and Node.js to build a central application platform for current and future apps built by CGGS
- Presented the aforementioned work at a Capstone presentation to company executives during a weekly pipeline meeting

Ironwood Creative Solutions

Technical Advisor

September 2016 – September 2017

Alexandria, VA

- Conduct feasibility study of the product by creating potential consumer surveys through Survey Monkey and Google forms
- Advise management team on technology and solution selection for the application in development
- Review feedback from user tests to develop recommendations for future development sprints

Tasklight, Inc.

Junior Software Engineer (Intern)

April 2016 – August 2016

San Francisco, CA

- Assisted Lead Engineer with building software products that meet requirements set forth by Head of Product
- Built a multi-platform enterprise CRM integrated with Salesforce on the MERN stack on Amazon Web Services
- Met with customers to understand requirements and needs

Inspire Public Speaking Academy

Owner

2013-Present

Oak Hill, VA

- Curriculum Developer and Trainer of public speaking and debate classes
- Conducted individual and group training sessions for more than 100 elementary and middle school students.

IncubateX

Lead Organizer

March 2016 – April 2017

Washington, DC Chapter

- Led a team to organize IncubateDC – local hackathon and entrepreneurial incubator
- Developed sponsorship packets, budget, and identified potential venues and sponsors with a total budget of \$10,000
- Provided guidance to team via weekly and monthly mentorship sessions

ACCOMPLISHMENTS

- July 2016:** First place the XIX.ai hackathon sponsored by NVIDIA. Interview: <https://www.youtube.com/watch?v=BO7aAowpTNs>
- September 2016:** Honorable Mention for best use of CockroachDB in HackTheNorth