SHIRAZ CHOKSHI

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EDUCATION

Purdue University   **August 2017 - May 2021**
Bachelor of Science in Computer Information Techhnology   **West Lafayette, IN**

Thomas Jefferson High School for Science and Technology (TJHSST)   **September 2013 - June 2017**
Received Jefferson Diploma   **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

Capgemini Government Solutions (CGGS)   **July 2017 – August 2017**
Intern   **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   **September 2016 -Present**
Technical Advisor   **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.   **April 2016 – August 2016**
Junior Software Engineer (Intern)   **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   **2013-Present**
Owner   **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. Provide on-going mentoring for 40 students

IncubateX   **March 2016 – April 2017**
Lead Organizer   **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

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