**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>