Arun Arjunakani

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Personal Website: arunarjunakani.com

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Github: github.com/arunarjunakani

Education

Purdue University – West Lafayette, IN   May 2020

Bachelor of Science: Computer Science

Notable Activities: Association for Computing Machinery (ACM), Web Development Club

Illinois Mathematics and Science Academy (IMSA) – Aurora, IL   August 2013 – June 2016

Chosen to be part of a class of 200 students at a rigorous, residential STEM school.

Notable Coursework: Advanced Programming, Graph Theory, Bioinformatics

Coursera

Notable Coursework: Machine Learning, Algorithms: Design and Analysis

Selected Projects

Chat Insights   November 2016

- Worked on a full-stack Facebook Messenger analytics tool with natural language processing for "VandyHacks III".
- Source code: github.com/arunarjunakani/Chat-Insights

Champion Builder – Link: arunarjunakani.github.io/ChampionBuilder/   October 2016

- Developed an Angular JS application based on the game League of Legends that allows the user to try out different item builds for different champions.
- Source code: github.com/arunarjunakani/ChampionBuilder/

Hexagonal Game of Life – Link: arunarjunakani.github.io/HexagonalGameOfLife/   October 2016

- Built a JS application that implemented a hexagonal version of Conway's "Game of Life" with a team for "Hello World".
- Source code: github.com/arunarjunakani/HexagonalGameOfLife/

Selected Experience

Wing Guide – IMSA   August 2015 - June 2016

- Guided 24 students at my residential high school and coordinated events to create a safe and healthy environment

Excel Tutor – IMSA   July 2015

- Collaborated with nine other tutors and mentored a group of 41 students in a two-week pre-enrollment program to prepare them for the upcoming school year.

Student Researcher – Loyola University in Chicago   August 2014 - April 2015

- Designed software to collect activity recognition data from patients rehabilitating from physical injury.

Activity Volunteer – Friendship Village of Schaumburg   June 2013 – March 2016

- Interacted with nursing home residents and assisted them with basic tasks such as navigating through buildings.

Areas of Expertise

Technical: Java SE 8, HTML+CSS, JavaScript, AngularJS, Node.js, Bootstrap, R

Tools: Git, Bash, Inkscape, LaTeX

Skills: Leadership, Public Speaking, Communication, Organization

Certifications and Awards

Oracle Certified Associate, Java SE 8 Programmer

IHSA State Student Congress Debate Semifinalist