

# Arun Arjunakani

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## 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](https://github.com/arunarjunakani/Chat-Insights)

### Champion Builder – Link: [arunarjunakani.github.io/ChampionBuilder/](https://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/](https://github.com/arunarjunakani/ChampionBuilder/)

### Hexagonal Game of Life – Link: [arunarjunakani.github.io/HexagonalGameOfLife/](https://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/](https://github.com/arunarjunakani/HexagonalGameOfLife/)

## Selected Experience

### Resident Student Leader – IMSA

August 2015 - June 2016

- Mentored 24 students at my residential high school and coordinated events to create a safe and healthy environment
- Collaborated with nine other resident student leaders to plan events for the entire hall

### Excel Tutor – IMSA

July 2015

- Tutored a group of 41 students in a two-week pre-enrollment program to prepare them for the upcoming school year.
- Collaborated with 9 other tutors to develop lessons plans and teach mathematics, chemistry, and biology

### 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, RStudio

**Skills:** Leadership, Public Speaking, Communication, Organization

## Certifications and Awards

Oracle Certified Associate, Java SE 8 Programmer

IHSA State Student Congress Debate Semifinalist