

## Education

University of Illinois  
at Urbana– Champaign  
Urbana-Champaign IL  
B.S. in Computer Science  
College of Engineering  
2017-2020 est.|GPA: 3.8/4.0

## North Central College

Naperville IL  
Summer 2015|GPA: 4.0/4.0  
*Lederman Scholar Program*

## Neuqua Valley High School

Naperville IL  
2013-2017|GPA: 4.5/4.0  
*Suma Cum Laude*

## Coursework

Intro to Computer Science  
Intro to CS Freshman Honors  
    ▾ Data Science Hackerspace  
Software Design Studio  
Discrete Structures  
Data Structures  
Intro to Statistics (with Calc)  
Statistics and Probability I  
Calculus III  
Linear Algebra

## Skills

### Languages

Java, JavaScript, HTML, CSS,  
SQL, Python, Basic Bash, R

### Platforms

Eclipse, PyCharm, WebStorm,  
IntelliJ, Jupyter Notebook,  
Atom, R Studio

### Other

Windows/MS Office Suite  
Quadrilingual:  
    ▾ English, Spanish,  
    ▾ Gujarati, Hindi

## Organizations

Society of Women Engineers  
Women in Computer Science  
Girls Who Code  
Association of Data Science and  
Analytics

## Awards

2017 | Honorable Mention@54.io  
2017 | National Merit Finalist  
2017 | AP National Scholar  
2017 | International AP Diploma  
2016 | National Merit Semifinalist  
2016 | AP Scholar with Distinction

# Sejal K. Parmar

331.262.9652  
✉ [skparmar777@gmail.com](mailto:skparmar777@gmail.com)  
in [www.linkedin.com/in/sejalkparmar](https://www.linkedin.com/in/sejalkparmar)  
🌐 <https://skparmar777.github.io/>

## Summary

- ▾ Driven student looking to gain experience in Data Science, Machine Learning, & Automation
- ▾ Dynamic thinker and communicator with a passion for knowledge and self-improvement
- ▾ Aspiring leader who takes a proactive, collaborative approach to challenges

## Work Experience

### Theia Vision | Urbana-Champaign, IL

#### Co-Founder and Software Team Member

Sept 2017 - Present

- ▾ Helped create Theia Vision at 54.io, a start-up competition at UIUC
- ▾ Working with convolutional neural networks for real-time object detection and text-to-speech output

### FaceTunes | University of Illinois at Urbana Champaign

#### Team Member

Sept 2017 – Dec 2017

- ▾ Worked on a team of six to develop an android app that uses facial recognition to autogenerate music playlists based on sentiment analysis
- ▾ Auto-generated playlists using the Spotify Android SDK and created the Camera manifest for the frontend

### Fermi National Accelerator Laboratory | Batavia, IL

#### Target Intern: Scientific Computing Division

Jun 2016 – Aug 2016

- ▾ Unified and updated documentation using HTML, Linux, and Bash Scripting
- ▾ Developed a Cluster Monitoring page using Javascript, Python, Kerberos, HTML, and CSS

### Automatic Building Controls, LLC. | Rolling Meadows, IL

#### Operation Support Intern

Jun 2014 – Aug 2014

Jun 2015 – Aug 2015

- ▾ Developed and implemented project schedules with the Operations Manager
- ▾ Provided support and met with clients to access needs and assist in research for new products for Engineering

## Volunteer and Extracurricular Experience

### Society of Women Engineers | University of Illinois at Urbana Champaign

#### Engineering Open House (EOH) Chair for Team Tech

Sept 2017 to Present

- ▾ Worked on creating an engineering solution for Caterpillar Inc.
- ▾ Organized Team Tech's entry in EOH and held members accountable for finishing tasks

### Women in Computer Science ChicTech Event | Chicago, IL

#### Volunteer and Teacher

Nov 2017

- ▾ Taught an HTML class to High School girls from the Chicagoland area to help promote interest in CS
- ▾ Helped the students create personal websites using HTML, CSS, and Javascript fundamentals

### JP Morgan Chase & Co. | Chicago, IL

#### Code for Good Hackathon Participant

Nov 2017

- ▾ Worked in a team to develop a web application as a software solution for the Wood Family Foundation
- ▾ Was the primary frontend developer and researched unfamiliar techniques/languages to optimize code

### Tutoring Club | Neuqua Valley High School SD 204

#### President and Founder

Sept 2013 – May 2017

- ▾ Organized and managed all club activities and schedules and recruited qualified tutors
- ▾ Offered various subjects as shown on this link: <http://nvhtutoring.weebly.com/>
- ▾ Worked with local middle school students to ensure a smooth transition into High School.