

# TYLER SEIDEN SHERMAN

(914) 826-7625

TylerSSherman98@gmail.com

Tyler-S-Sherman.com

github.com/TylerSSherman98 • linkedin.com/in/Tyler-S-Sherman

## Current

17 South Avenue  
Ithaca, NY 14850

## Permanent

9 Sleepy Hollow Road  
Chappaqua, NY 10514

## EDUCATION

**Cornell University**, College of Engineering, Ithaca, NY  
Master of Engineering, Electrical and Computer Engineering

**Expected May 2020**

**Cornell University**, College of Engineering, Ithaca, NY  
Bachelor of Science, Electrical and Computer Engineering  
Dyson Business Minor for Engineers  
Computer Science Minor  
Engineering Leadership Certificate Program  
*Honors:* Dean's List (Spring 2017, Fall 2017)

**Expected December 2019**

GPA: 3.891

**Horace Greeley High School**, Chappaqua, NY  
*Honors:* Summa Cum Laude, National AP Scholar, National Merit Scholarship Finalist

**June 2016**

GPA: 4.1

**Relevant Courses:** Object-Oriented Programming & Data Structures • Oscillations, Waves & Quantum Physics  
• Digital Logic & Computer Organization • Signals & Information • Circuits

## RESEARCH & EMPLOYMENT HISTORY

**Undergraduate Researcher**, Space Systems Design Studio, Ithaca, NY

**February 2018 – Present**

- Member of Professor Mason Peck's lab working on the Pathfinder for Autonomous Navigation (PAN) project
- NASA CSLI participant with a mission to assemble and launch two 3U+ CubeSats into LEO
- Satellites will demonstrate autonomous rendezvous and docking utilizing precision CDGPS navigation
- Power sub-team: tasked with PCB design, hardware integration testing, and a GUI to control full system testing

**IgnitionOne**, New York, NY, *Engineering Summer Intern | Analytics Department*

**June – August 2017**

- Queried data to investigate digital marketing performance metrics and provided insights to optimize campaigns
- Created program using Python to transform advertising bid request data into an analyzable format
- Wrote, documented, and standardized queries and reporting material for QBRs

**Marriott Student Learning Center**, Cornell University, Ithaca, NY

**August 2016 – Present**

*Team Leader* (August 2017 – Present)

- Trained 8 new hires in library responsibilities, MICROS POS functionality, and the Voyager library system
- Conduct quarterly employee evaluations, approve timecards in Workday system, and provide leadership

*Student Academic Service Assistant* (August 2016 – July 2017)

- Provide professional customer service, assist with technology support, catalog resources, and manage reservations

**IBM**, Yorktown Heights, NY, *Intern*

**May – June 2016**

- Worked directly with Chitra Dorai, IBM Fellow and CTO Cognitive Services
- Conducted research involving IBM Watson's Personality Insights and student success in specific elective classes

## CO-CURRICULAR ACTIVITIES

**Orientation Steering Committee**, Cornell University, *Orientation Leader*

**May 2017 – May 2018**

**Pi Kappa Alpha: Beta Theta Chapter**, Cornell University, *Member*

**February 2017 – Present**

- Centennial planning committee, Fundraising Chair, and Public Relations Chair (redesigned website January 2018)

**Habitat for Humanity**, Cornell University, *Webmaster | Executive Board Member*

**September 2016 – Present**

- Created, edit, and update the club website ([www.habitatcornell.org](http://www.habitatcornell.org)) and publicize weekly builds and large events

## SPECIALIZED SKILLS

**Programming** Java • SystemVerilog • MATLAB • Swift • SQL • HTML • CSS

**Programs** Altera Quartus II • Altium Designer (PCB design) • Adobe Illustrator • Microsoft Office