

# Madison Wang

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## EDUCATION

**Mounds View High School** 2013-2017

12+ AP courses taken | ACT: 34 | UW GPA: 3.961

**Related Coursework:** AP Computer Science, AP Computer Science Principles, Calculus 1, 2, 3, Linear Algebra, AP Physics C (Mechanical & Electrical), AP Studio Art: Drawing, Advanced 2D Art, Honors Chemistry, Symphony Orchestra, Chamber Orchestra, & Biology

**Wharton & Penn Engineering, University of Pennsylvania** July 2016

Jerome Fisher's Management & Technology Summer Institute | Course Title: *Technology, Innovation and Venture Development* | For-Credit

In Penn's most selective international summer program, I gained exposure to core engineering disciplines, core business disciplines, and Arduino.

**Notable Awards:** National Center for Women and Info Tech: 2017 National Award for Aspirations in Computing (Top 1.4% of 3,500+ Applicants); JA Comp. Nationals: EY Social Innovation Award, National Finalist; UPenn's M&TSI: People's Choice Award; JAUM Comp. of the Year; National AP Scholar

## PROFESSIONAL EXPERIENCE

**WatchItBand LLC — Founder**

July 2016 - Current

*Sexual assault prevention wristband—can send texts for help or a silent call to the police. Incorporated, patent-pending, and pending official release.*

- Developed front-end and back-end for [watchitband.com](http://watchitband.com)
- Engineered working MVP prototype with Arduino; created app mockups; designed the user interface for our Android app
- Conducted market research; compiled business plan; planning a 2017 release.
- Incubated at University of Pennsylvania, won "People's Choice Award"

**Cheesium — CEO and founder**

July 2012 - August 2015

*Minecraft Multiplayer Server that was first ran off my laptop and grew into a 5-figure startup.*

- \$61k Revenue. \$39k Profit.
- Managed hardware investments (Linux "ddos-protected 64GB Intel Xeon E5 E5-1620v2."), software (CentOS, java plugins), and ingame mechanics (buildings, gameplay, ranks, player-retention) of a 3,000 userbase Minecraft server
- Made investments and advertisements up to \$1,700 and partnered with famous Youtuber JeromeASF (4.3+ million subscribers)
- Interviewed, hired, and trained new staff crew-members on self-created website and forum.

**Leozarb (formerly Galleb) — CEO and founder**

April 2015 - July 2016

*Spanish App for middle schools; website development for immigrants*

- Revenue: \$5k.
- Key player in the company's interview, pitch, presentation, commercial, and business plan development.
- Directed the 15+ team members in creating the company's main product: Spanish App for Middle Schools.
- "Junior Achievement Upper Midwest Company of the Year 2016," Junior Achievement National Finalist & "EY Social Innovation Award"

**CandyPax LLC — CEO and founder**

Jan 2016 - Current

*Candy monthly subscription service—incorporated, national wide service.*

- Revenue: \$1k+.
- Handcrafted the ecommerce website ([candypax.com](http://candypax.com)) keeping with latest aesthetics and mobile attributes.
- Learned realistic business skills: getting insurance, getting FDA & SSL approval, incorporating, & insuring product.
- Contacted manufacturers and wholesalers, deriving cost-cutting and quality solutions.
- Extensive marketing experience with Facebook. Used by school for fundraisers

## SKILLS

**Programming**

2012 - Current

- HTML/CSS (self-taught, 8 yrs.), Java (self-taught, AP Computer Science, 3 yrs.), Linux (CentOS, 3 yrs.). Currently learning: Javascript (code.org), C (CS50), & Python (AP CS Principles).
- Projects include: Gauss Jordan Elimination (Python), Caesar & Vigenere Cipher (C), & [Auto storing & formatting of mag. file uploads](#) (JS)
- UI HTML/CSS Project: Redesigned *Piccadilly Prairie's* checkout software: [Before](#) and [After](#)

**Web Development**

2012 - Current

- 13 websites created: [maddiewang.com](http://maddiewang.com), [candypax.com](http://candypax.com), [watchitband.com](http://watchitband.com), [mvmagazine.org](http://mvmagazine.org), [mvtennis.org](http://mvtennis.org), [maihoasalon.com](http://maihoasalon.com), [razsafe.com](http://razsafe.com), [chaosalterations.com](http://chaosalterations.com), [thefamilycfoblog.com](http://thefamilycfoblog.com), [dev.rosevillepolicefoundation.org](http://dev.rosevillepolicefoundation.org), [impactmed.org](http://impactmed.org), [cheesium.com](http://cheesium.com), & leozarb.com (down)

**Art**

2005 - Current

- MN State Fair Grand Prize: (x5); MN State Fair 1st Prize: (x9); Scholastic Art Competition (2016, 2017): Silver Key (x5), Gold Key (x8); Minnesota's Best 100 Art (2016, 2017): 4 entries admitted; 2016 Best 100 Junior-Senior Scholarship Award; AP Art Portfolio Drawing: 5
- [Link to my top 10 art portfolio](#)

**Viola**

2009 - Current

- Performance at All-State, MYS top orchestra "Symphony" (2014-2016), various quartets, chamber music schools, and camps: Artaria, Bravo! x2, Stringwood, Sartoria, Mounds View chamber, Mounds View orchestra, nursing homes, and weddings

## LEADERSHIP AND INVOLVEMENT

**District's Art & Literature Magazine — Founder, Editor-In-Chief**

2015 - Current

- Mounds View district's Art & Literature e-magazine: [mvmagazine.org](http://mvmagazine.org). With 130+ submissions and 6 jurors, we compiled 51 works of art & literature within the magazine. [2016 Issue](#).

**Social Justice Club — Founder, Captain**

2015 - Current

- Bi-weekly club meetings with discussion on specific topics, volunteering opportunities, charity events, & outreach officers. ~15-40 people/meeting.

**Tennis — Varsity, Captain**

2012 - Current

- Ranked #11 in state as of Oct. 2016 (TennisRecruiting). Created team [website](#). "Most Improved" 2013 Mounds View, "Most Improved" 2014 Mounds View, "Most Improved" 2014 LifeTime Tennis, "Leadership Award" 2015 LifeTime Tennis, "Most Influential" 2016 Mounds View