

# Matthew Puentes

## Local Address

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## Permanent Address

705 Fulton Ave  
Falls Church, VA 22046

## EDUCATION:

**Worcester Polytechnic Institute**, Worcester, MA

GPA 3.83, *May 2020*

- Bachelor of Science in Computer Science

**Thomas Nelson Community College**, Hampton, VA

GPA 4.00, *Nov. 2015*

- Dual Enrolled through NASA's VASTS program

## PROFESSIONAL EXPERIENCE:

**Junior Engineer @ Digital Design & Imaging Service Inc.**, Falls Church, VA

*June 2016 – Aug. 2017*

- Designed, implemented, and maintained software to process GPS and photography data
- Maintained and upgraded electronic and mechanical systems for aerostat photography

**Counselor @ ID Tech**, Falls Church, VA

*June 2018 – Aug. 2018*

- Supervised and taught a classroom of 9-10 children in STEM – related fields.

**Computer Technician @ George Mason Technology Help Desk**, Falls Church, VA

*Sept. 2014 – June 2016*

- Diagnosed and repaired hardware and software issues with school-owned equipment
- Coached students and teachers in the usage of school hardware and software

## PROJECTS:

**Assistant Lead Software Engineer for Software Engineering Course** Falls Church, VA *Mar. 2018 – May 2018*

- Researched/gathered software requirements through surveys, interviews, and user stories.
- Designed and lead development for the mapping/pathfinding subsystems
- Successfully delivered the application at the end of the seven-week term. The team was recognized for
  - Placing as the top team in the first development iteration
  - Having the best feature in the second development iteration

**Head programmer for FIRST robotics team**, Falls Church, VA

*Sept. 2013 – June 2016*

- Used Python to program an autonomous and human-operated mode for a robot within a two-month timeframe
- Worked with a team and used code management software such as GitHub to develop the software

**Windows expert for Cyber Patriots team**, Falls Church, VA

*Sept. 2014 – June 2016*

- Detected and solved security vulnerabilities within various operating systems while under a time limit

## ACCOLADES & HONORS:

- **Worcester Polytechnic Institute Charles O. Thompson Scholar**, 2017
- **Worcester Polytechnic Institute Honor Roll**, 2016, 2017, 2018
- **Cyber Corps Scholarship for Service Recipient**, 2018

## SKILLS:

- **Programming:** Java, Python, C++, C, SQL, Lua, LISP
- **Software:** GitHub, Microsoft Office, Bash/Unix Shell, IntelliJ, Vim
- **Interpersonal:** Proven leadership and teamwork skills, experience with agile development.

## ACTIVITIES:

- **FIRST Robotics**, George Mason High School, 2011-2017
- **Beta Theta Pi**, WPI, December 2016 – Present
  - **Vice President**, December 2017 – March 2017
  - **Financial Chair**, April 2018 - Present
- **Cybersecurity CTF challenges**, Various, 2015 – Present

## RELEVANT COURSEWORK

- Software Engineering, Database Systems, Algorithms, Computer Networks, Network Security