

Matthew Puentes

Local Address

100 Institute Road
Worcester, MA 01609

mapuentes@wpi.edu
[matt-puentes.github.io](https://github.com/matt-puentes)
703-615-8072

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 Worcester, MA

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