Gabriel Dougherty

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Education:
- Edinboro University of Pennsylvania
- Junior – B.S., Computer Science   *Graduation: December 2019*
- GPA: 3.83, Dean's List; President's Excellence Award Merit Scholarship; Honors Student

Work Experience:

Computer Science Tutor   *September 2017 - Present*
Edinboro University
- Instructs Freshman and Sophomore undergraduate students on programming, data structures, algorithms, logic gates and Unix/Linux concepts.

PC Installation Technician   *September 2017*
SmartSource for PNC Bank (Contract)
- Performed replacement of business computers and software testing to meet strict quality assurance guidelines and time constraints.

Network Administration Internship   *June 2017 - July 2017*
Erie First Christian Academy
- Worked with a lean team to design and deploy a custom network solution for international student dorms. Implemented web filtering, network antivirus, traffic shaping in order to assist administration in better directing student internet access.

Academic Experience:

Programming Competitions – PCISE, ACM   *Spring, Fall 2017*
- Worked in a team to solve a complex problem set, drawing from C++ skills, data structure and algorithm knowledge, and mathematics.

Erie Makerspace Member   *Fall 2012 - 2017*
- Repaired computer electronics, assisted in Ethernet network rollout. Participated in Erie Cardboard Boat Regatta, Lake Erie Harbor, 2014. The only student in this group of creative engineers, tinkerers and electronic hobbyists.

Skills:
- **Focus:** Windows, Linux/Unix Administration; Networking; Automation
- **Languages:** C++, Bash, Scheme, Racket, Python, Java, MIPS Assembly, HTML, CSS
- **Software:** Vim, VMware, Git, Linux, OpenBSD, Windows, Microsoft Office

Volunteer Experience:

Edinboro Computer Science Club – Community Service Officer   *Fall 2016 - Present*
- Organized a door-to-door food drive for the local food pantry.

Knitting Club   *Fall 2017 - Present*
- Knits hats for children and adults in need. Hats are donated to hospitals and homeless shelters.

NextGen Climate   *Fall 2016*
- Contacted students to encourage participation in the 2016 election. Provided information on voting location, creating a plan to vote, and transportation.

Relevant Courses:

- *Object-Oriented Programming
- *PC Sys Operation & Admin
- *Computer Architecture
- Principles of Programming II

- *Linear Algebra I
- Discrete Mathematics I
- Calculus II

* Currently enrolled

Other Interests & Activities:

- *Fall 2015:* Satirical writer for Collegiate Academy Alumni magazine; wrote two short satirical articles for the magazine inspired by events and experiences at the high school.
- Travelled to Athens, Greece; Paris, France; Skopjie, Macedonia; Quebec and Montréal, Canada; Dublin and countryside of Ireland
- Avidly practices Spanish, reading publications and continually practicing with native speakers
- *Spring 2014-2016:* Employed at QDoba Mexican Grill, Erie, Pennsylvania. Work approx. 15 to 20 hours a week during the school year, 20 to 30 hours in summer. Started on the front line, promoted to cook in Fall 2015.