Travis M. Whitaker

3241 Nathaniel Rochester Hall, Rochester, NY 14623
(315) 391-7268

OBJECTIVE

Fill in here based on what the trump I'm applying for.

EDUCATION

Bachelor of Science, Chemical Engineering
Rochester Institute of Technology, Rochester, NY, expected June 2016
Concentration: German Language
Minor: Computer Engineering

COMPUTER SKILLS

Languages & Software: C, Mathematica, MATLAB, Python, git(revision control), LaTeX
Operating Systems: Linux, Microsoft Windows.

PROFESSIONAL INTERESTS AND HOBBIES

- Non-comsumptive Catalysis
- Electrospray Ionization
- Photolithographic Ion Implantation
- Low-Level Programming
- Digital Signal Processing
- High-End Audio

EXPERIENCE

Researcher/Laboratory Technician   Summer 2011
Applied Electrostatics Laboratory, SUNY Oswego, Oswego, NY

- Design, construction, and maintenance of specialized laboratory apparatus.
- Design, implementation, and analysis of experiments exploring potential applications of electrospray ionization focusing on near-vacuum environments.
- Manufacture of thin-film mirrors in near-vacuum environments for use in associated laboratories.
- Wrote a software application in Python for the tracking of individual particles to aid the analysis of high-speed footage of clouds of electrostatic particles produced via electrospray ionization.

COMMUNITY SERVICE

Served as Youth Representative on the Diocesan Council of the Catholic Diocese of Syracuse.
Financial Organizer for the 2011 annual Computer Science House Freshman Charity Project.

EXTRA-CURRICULAR ACTIVITIES

Elected *Youth Representative,* Diocesan Council
Elected *Financial Organizer,* CSH Freshman Project
Computer Science House On-Floor Member
American Institute of Chemical Engineering Member

CONTACT

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