# Daniel Molzahn

🌐 dmolz.github.io  ✉ dnmolzahn@gmail.com  ⌨ dmolz  📱 (845) 674-6547

## OBJECTIVE

To obtain a full time position as a software developer

## EDUCATION

**Rensselaer Polytechnic Institute (RPI)**                                                                **Troy, NY**
*B.S. in Computer Science, GPA: 3.4/4.0*                                                                   *May 2020*

## PROJECTS

**Product Stock Alert**
- Python script that runs 24/7 on AWS Ubuntu server
- Sends a text message to a list of registered recipients whenever a desired product is in stock
- Currently only implemented for Best Buy, but can be easily scaled to use other sites if necessary

**Personal Website (dmolz.github.io)**
- Created using HTML5 and CSS to write about myself and showcase my portfolio

**Rubik's Cube Solver**
- Uses C++ and a set of recursive algorithms to solve the cube from any possible starting state
- Goal is to further optimize the algorithms/run-time and develop a UI

## SKILLS

**Programming Languages:** Python (Proficient), C++ (Proficient), C (Proficient), Java (Intermediate), SQL (Intermediate), Perl (Beginner), R (Beginner)
**Upper-Level Coursework:** Large-Scale Programming and Testing, Database Systems, Network Programming, Open Source Software, Intro to Data Mathematics, Intro to Artificial Intelligence
**Other Skills/Software:** Ubuntu Bash, PowerShell, AWS, HTML5/CSS, Git, Cypress, LaTeX

## RELEVANT WORK EXPERIENCE

**Rensselaer Polytechnic Institute**                                                                       **Troy, NY**
*Undergraduate Programming Mentor*                                                         *Aug 2019 – May 2020*
- Mentored Computer Science 1 classes for the 2019-2020 academic year
- Responsible for marking and helping with labs and homework

## EXTRACURRICULAR ACTIVITIES

**RPI Varsity Track and Field** - Decathlon/Heptathlon
**RPI Club Baseball** - P and 3B
**RPI Computer Science Club**
**RPI Disc Golf Club**