

# Taite Clark

clarkt7@rpi.edu | (802) 299-1600  
Home: 32 Morrill Hill Rd. Sharon, VT 05065 USA  
School: White I 3005, 1999 Burdett Ave. Troy, NY 12180 USA

## Skills

### Familiar

- Prototyping
- Project Management
- HTML/CSS, VBA programming
- Git version control
- Oscilloscope, multimeter, function generator usage

### Proficient

- Formal presentations
- Small team leadership
- Time management
- PSpice, LTSpice
- Java, Python, C
- 8051 microcontrollers
- Eclipse and NetBeans IDEs
- Windows 7-10, MacOS, Linux
- Microsoft Office, LibreOffice
- Slack

## Highlighted Coursework

- Computer Science I: Fall 2018
- Intro to Engineering Analysis (Statics): Spring 2018
- Electric Circuits: Spring 2019
- Intro to Embedded Control: Spring 2019
- Computer Components and Operations: Spring 2019

## Honors/Certifications

RPI Dean's Honor List  
Rensselaer Medal  
National Merit Finalist

## Education

Rensselaer Polytechnic Institute, Troy, NY  
Bachelor of Science in Electrical Engineering  
Expected graduation date: May 2021  
**GPA: 4.00**

## Experience

### Undergraduate Student at RPI Center for Flow Physics and Control: January 2019–Present

- Currently designing a model mounting system for a glycerin tunnel
- Collaborating with researchers and faculty to deliver a finished product within deadlines

### Intern at Solaflect Energy, Norwich, VT: June 2018–August 2018

- Installed tracking solar arrays at private residences as part of a team
- Obtained quotes from potential steel suppliers and assisted leadership in disaggregating the company's cost structure
- Designed and built new, improved assembly carts for manufacturing
- Designed and prototyped modifications to shipping crates to prevent scratching

### Intern at Cold Regions Research and Engineering Laboratory, Hanover, NH: June 2016–August 2017

- Worked independently on programming projects for two summers, with mentoring from researchers
- In 2017, integrated an existing acoustic model into an in-house software framework
- My changes were reviewed and merged into the main application

## Leadership & Involvement

### President of Rensselaer Electric Vehicle: September 2017–Present

- Currently managing finances and administration of a club that builds efficient electric vehicles for the Shell Eco Marathon
- Secured funding from the school for the current school year
- Updated the website, sponsorship materials and social media presence, while supporting engineering efforts

### Student Sustainability Task Force: Spring 2018–Present

- Currently leading a zero-waste commencement initiative
- Assisted in running outreach events on campus