

# Mark Stenglein

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## Education

### George Mason University

Studying for a Bachelor of Science in Electrical Engineering

Cumulative GPA: 2.86 / 4.0

- Honors College Student

Fairfax, VA

Expected May 2019

## Skills

**Programming:** Python, Shell, Java, HTML, JavaScript, CSS, NodeJS, Latex

**Environments:** Windows, Linux Usage & Configuration, Arduino, Photoshop, Git, MS Office, Access

**Relevant Coursework:** Introduction to Signal Processing (Fall 2016)

## Experience

### NASA Langley Research Center

Summer Intern

Hampton, VA

Summer 2016

- Improved the Electronics Systems Branch's Microsoft SharePoint instance by writing several additions including a cost and payment tracking system interface that will allow the Branch to track purchases of software for the next several years as well as allowing the budget manager to generate automated reports that track when in the fiscal year money needs to be appropriated by in order to pay for the many different licenses the branch has.

### Bayport Scout Reservation Boy Scouts of America

Summer Camp Staff/Counselor

Jamaica, VA

Summer {2013, 2014, 2015}

- Served as an instructional counselor for the first-year camper program.
- Taught first aid, swimming, climbing, orienteering, and other outdoor skills to middle and high school aged boys.

### Student Run Computing and Technology (SRCT) George Mason University

Developer

Fairfax, VA

Spring 2016 – Present

- Exercise voting rights and demonstrate a commitment to SCRT.
- Contribute to several projects, including {roomlist, bookshare, go, schedules, srct}.gmu.edu

Secretary

Fall 2016 – Present

- Facilitate executive board communication with the membership with both the membership body as well as external organizations.
- Plan events, complete tasks, and keep SRCT running smoothly.

### Doc Nix and the Green Machine George Mason University

Sound Engineer

Fairfax, VA

Fall 2015 - Present

- On scholarship since Spring 2016
- Assist the band with setup and teardown of the sound system and electronic instruments.
- Operate the sound board during live events.
- Go-to individual for anyone having difficulty with any equipment, electronic or otherwise.

## Projects

**Schedules:** Let students subscribe to their class schedules on their phones

Mason SRCT - Ongoing

**FlopStream:** Plays MIDI files on Floppy Drives before uploading to YouTube

HackUMBC Fall 2016

**Laser Engraver:** Functional laser engraver built from recycled electronics

Spring 2015

## Awards

## Activities

9/10/2014 | Eagle Scout | Boy Scouts of America  
2016 | Rookie of the Year | Green Machine

2016 | HackUMBC | Hackathon  
2016 | VTHacksIII | Hackathon