

# Owain West

owainwest.me | owest@sas.upenn.edu | (215) 730-6464

## EDUCATION

### UNIVERSITY OF PENNSYLVANIA BA IN LOGIC, INFORMATION, AND COMPUTATION

College of Arts and Sciences  
Expected Apr 2019 | Philadelphia, PA  
Cum. GPA: 3.83/4.00

### ST MICHAEL'S COLLEGE

Grad. June 2015 | Toronto, Canada  
Cum. GPA 4.00/4.00

## SKILLS

### PROGRAMMING

Over 5000 lines:

Java • OCaml • Python

Familiar:

JavaScript • Go • R

Arduino • Ruby • MatLab

### TECHNOLOGY

Proficient:

Word • Excel • PowerPoint •  $\text{\LaTeX}$

Git • Unix • Bash • Photoshop

Familiar:

SolidWorks • QuickBooks • AutoCAD

### LANGUAGE

Proficient:

English

Familiar:

French • Italian • Latin

### PERSONAL

Strong:

Critical Writing • Analytical Thinking  
Leadership • Interpersonal Interaction  
Problem-solving • Teamwork  
Organizational • Media Outreach

## COURSEWORK

Programming Languages and Techniques  
Multivariable Calculus  
Mechanics and Wave Motion  
Critical Writing

## LINKS

Github:// [owainwest](#)

LinkedIn:// [owainwest](#)

Facebook:// [owaintwest](#)

Twitter:// [@owainwest](#)

DailyPennsylvanian:// [owain-west](#)

Quora:// [Owain-West](#)

## EXPERIENCE

### PENN AEROSPACE CLUB | BALLOON SOFTWARE AND AVIONICS TEAM, OPERATIONS TEAM

Sep 2015 – Present | Philadelphia, PA

- Further the design, build, and programming of experimental balloons to be sent into near space.
- Currently analyzing past flight data to impact the design of yaw and altitude control mechanisms using PID control theory.
- Liaise with industry sponsors in order to obtain funding as well as host speaker and recruiting events.

### UPENN STUDENT FEDERAL CREDIT UNION | SUPERVISORY COMMITTEE, INFORMATION SYSTEMS COMMITTEE

Sep 2015 – Present | Philadelphia, PA

- The UPenn SFCU is a multimillion dollar credit union run wholly by Penn students.
- Control the SFCU's online and digital presence, ensure security of sensitive banking information, and entice customers to explore our digital services.
- Currently rebuilding and modernizing the SFCU's website and membership application platform.
- Enact regular audits to uphold a high standard of business and to comply with Federal banking regulations. Oversee and regulate other core committees.

### MCHACKS | WINNER, EPIC SPONSOR PRIZE

- Awarded first prize for best hack using Epic's FIHR database at McHacks 2016.
- Built a Natural Language Understanding model for a disaster-relief platform that contextually replied to victim's distress messages.

### IVY COUNCIL | AMBASSADOR TO KENYA

Dec. 2015 - Present

- The Ivy Council is a leadership organization comprising of student delegates from each of the Ivy League institutions.
- Interface with student and humanitarian leaders worldwide to bring about better worldwide quality of life, with focus on Kenya.

### UNIVERSITY OF PENNSYLVANIA | INFORMATION TECHNOLOGY ADVISOR Sep 2015 – Present | Philadelphia, PA

- Solve network and security issues for a body of over 500 student clients. Troubleshoot and analyze wireless issues on a campus-wide network.

### ST MICHAEL'S COLLEGE SCHOOL | ROBOTICS TEAM COACH

Sep 2011 – Jun 2015 | Toronto, Canada

- Mentored students to prepare them to compete in FLL Robotics competitions.
- Designed and programmed a fully functional remote-controlled Segway

### BRIDGE: FRESHMAN MENTAL WELLNESS | FOUNDER

May 2015 – Present | Philadelphia, PA

- Bridge is a registered student organization at the University of Pennsylvania, focusing on mental health advocacy and peer support, especially for freshmen.

### THE DAILY PENNSYLVANIAN | REPORTER, PHOTOGRAPHER

Sep 2015 – Present | Philadelphia, PA

- I interact with locally prominent members of the public to help develop insightful news pieces which are read and viewed by thousands of people.