

# Owain West

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## 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 • French

Familiar:

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

- Work on 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 completely by Penn students.
- Enact regular audits to uphold a high standard of business in the SFCU and to comply with Federal banking regulations, as well as oversee other core committees.
- Control the SFCU's online and digital presence, both to ensure security of sensitive banking information and to entice customers to explore our digital services.

### 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.

### 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.

### SINGH CENTER FOR NANOTECHNOLOGY | RESEARCH ASSISTANT

Nov 2015 – Present | Philadelphia, PA

- Currently beginning work with **Prof Cain Elliott** to study the applications and properties of Substrate Conformal Imprint Lithography.

### ST MICHAEL'S COLLEGE SCHOOL | JUNIOR ROBOTICS 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

### 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.

## AWARDS

2015	Ontario Scholar	Canada
2009 - 2015	Award for Academic Excellence	St. Michael's College School
2013	Thomas More Scholar	St. Michael's College School
2012	President's Award	St. Michael's College School