

# 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: Not yet available

### ST MICHAEL'S COLLEGE

Grad. June 2015 | Toronto, Canada  
Cum. GPA 4.0/4.0

## SKILLS

### PROGRAMMING

Over 5000 lines:  
Java • OCaml • Python •  $\LaTeX$   
Familiar:  
Arduino • Ruby • CSS • JS  
Rails • Django • Matlab

### SOFTWARE

Proficient:  
Word • Excel • PowerPoint  
Git • Unix • Bash • Photoshop  
Familiar:  
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

Mechanics and Wave Motion  
Programming Languages and Techniques  
Multivariable Calculus  
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 leading research into PID control systems utilizing the Magnus Effect as a way of achieving controlled descent.
- Liaise with industry sponsors, including SpaceX and Northrup, in order to obtain funding as well as host speaker and recruiting events.

### SINGH CENTER FOR NANOTECHNOLOGY | RESEARCH ASSISTANT

Nov 2015 – Present | Philadelphia, PA

- Currently beginning work with **Prof Cain Elliott** to study the creation and application of nanofibre meshes.

### WEISS TECH HOUSE | EVENTS ROADMAP COMMITTEE

Sep 2015 – Present | Philadelphia, PA

- Liaise with entrepreneurs and industry leaders to bring high-quality speaker and professional development events to the University of Pennsylvania

### 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 | JUNIOR ROBOTICS COACH

Sep 2011 – Jun 2015 | Toronto, Canada

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

### UPENN STUDENT FEDERAL CREDIT UNION | TELLER INTERN

Sep 2015 – Present | Philadelphia, PA

- I interact amicably with customers, uphold brand identity, and handle large sums of money in a trustworthy manner.

### BRIDGE: FRESHMAN MENTAL WELLNESS | FOUNDER

May 2015 – Present | Philadelphia, PA

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

### 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
2012	President's Award	St. Michael's College School
2013	Thomas More Scholar	St. Michael's College School