

Owain West

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EDUCATION

UNIVERSITY OF PENNSYLVANIA

BA. MAJORS IN:

MATHEMATICAL LOGIC/COMPUTER

SCIENCE/PHILOSOPHY OF SCIENCE

Expected May 2019 | Philadelphia, PA

Cum. GPA: 3.78/4.00

Dean's List all years

ST MICHAEL'S COLLEGE

Grad. June 2015 | Toronto, Canada

Cum. GPA 4.00/4.00

SKILLS

PROGRAMMING

Proficient

JavaScript • Python • Java • OCaml

Familiar

Go • Elm • Kotlin • Ruby • Mathematica

TECHNOLOGY

HTML+CSS • MS Office Suite • \LaTeX

AWS • Bluemix • Jenkins • UCD • Git •

Bash • Photoshop

PERSONAL

Critical Writing • Analytical Thinking

Leadership • Interpersonal Interaction

Problem-solving • Teamwork

COURSEWORK

GRADUATE

Formal Logic and Model Theory | A+

Intuitionistic and Modal Logic | A-

Tractable Logics | Ongoing

Topology | Ongoing

Enumerative Combinatorics | Ongoing

UNDERGRADUATE

Programming Languages & Techniques | A

Software Design and Engineering | A

Intro to Algorithms | A

Discrete Math for CS | A-

Multivariable Calculus | A

Abstract Algebra | A+

LINKS

Github:// [owainwest](#)

LinkedIn:// [owainwest](#)

Facebook:// [owaintwest](#)

Twitter:// [@owainwest](#)

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

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

EXPERIENCE

ROYAL BANK OF CANADA | SOFTWARE ENGINEER INTERN, INNOVATION RESEARCH AND DEVELOPMENT TEAM

May - August 2017 | Toronto, Canada

- Ideated, designed, and built a chatbot to automate the developer onboarding process which could: install programs, set proxies, automate devops pipeline setup, request permissions/hardware/software for employees, automate writing weekly status updates, and much more.
- Spearheaded internal research and development of Alexa/Google Home products for the bank.
- Designed and developed: an internal vehicle-recommendation microservice, a tool to test and visualize a series of conditional REST calls, a machine-learning based predictor of death cause, a webapp which matches potential homeowners to the neighbourhood which best matches their social interests, and many other projects.

UPENN | TEACHING ASSISTANT, LGIC 010 (INTRO TO FORMAL LOGIC)

Jan 2016 – Present | Philadelphia, PA

- Currently coauthoring an introductory logic textbook with **Prof. Scott Weinstein** for use in the class.
- Hold weekly recitation and office hour sessions for a class of 70 students.
- Deliver lecture when the professor is not available.

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

Sep 2015 – Present | Philadelphia, PA

- Enact regular audits to uphold a high standard of business and to comply with Federal banking regulations. Oversee and regulate other core committees.
- Maintain and modernize the SFCU's website and digital presence, ensure the security of sensitive banking information.

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

Sep 2015 – May 2016 | Philadelphia, PA

- Aided the design and program of experimental balloons sent into near space.
- Analyzed flight data to help design of yaw and altitude control mechanisms.

UPENN | SENIOR INFORMATION TECHNOLOGY ADVISOR

Sep 2015 – May 2017 | Philadelphia, PA

- Solve network and security problems beyond the skill of a regular ITA for a body of over 1200 student clients.

MCHACKS 2016 | WINNER, EPIC SPONSOR PRIZE

- Won "Best Hack Using Epic's FIHR DB" at McHacks 2016 by building a NLU-based disaster-relief platform.

FORD CREDIT CANADA | INTERN - DISCOUNTER

May-August 2016

- Analyzed financial documents using proprietary technical software.

BRIDGE: FRESHMAN MENTAL WELLNESS | FOUNDER

May 2015 – Present | Philadelphia, PA

- Founded and developed Bridge, a registered student organization at UPenn that focuses on mental health advocacy and peer support for freshmen.