



# CAMERON VANDER WAL

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## CURRENT ADDRESS

506 S. Fourth Street #201  
Champaign, IL 61820

## PERMANENT ADDRESS

14339 S. Provencal Drive  
Homer Glen, IL 60491

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## EDUCATION

**University of Illinois at Urbana-Champaign** - Urbana, IL  
Bachelor of Science - Computer Science (Junior)  
GPA: 3.77/4.00

Anticipated  
May 2017

College of Engineering Dean's List — 5 semesters  
College of Engineering James Scholar — 5 semesters

## RELEVANT COURSEWORK

CS225 (Data Structures)

CS374 (Algorithms and Models of Computation)

CS233 (Computer Architecture)

CS411 (Database Systems)

CS241 (Systems Programming)

CS447 (Natural Language Processing)

CS357 (Numerical Methods)

CS498 (Web Programming)

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## RELATED EXPERIENCE

**Alcatel-Lucent**, Naperville, IL  
**Software Engineer Intern**

**Summer 2015**

Worked in a team setting of four people to expand on existing company tools and utilities.

Projects:

- BitTorrent client (Python)
  - Fully functional program that adhered to BitTorrent protocol for seeding, leeching, and communicating with a central torrent server
- Black-Hat hacking (C)
  - Experimented with hacking servers through buffer-overflow, code-injection etc.
- White-Hat security (C)
  - Worked to secure these servers from the same attacks through canaries, hash-checking, etc.

**State Farm**, University of Illinois  
**Systems Intern**

**Spring 2016**

Worked at the campus Research and Development Center for State Farm as a systems intern.

Projects:

- Automatic metadata collection program
  - Collects sensitive PII of State Farm customers and automatically classifies and stores in a central server.

**HackIllinois**, University of Illinois  
**Staff Member**

**2014, 2015, 2016**

- Member of the sponsorship team. Acted as sponsors' personal contact throughout the event and oversaw the hackathon day-of and ensured it ran smoothly.

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## SKILLS

### Languages

Proficient: Python, C, C++, Java

Familiar: HTML 5, CSS, JavaScript

### Tools

Git, SVN, Linux, OSX