

# Ryan Madden

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## **EDUCATION**

**Northwestern University**, Evanston, IL

**McCormick School of Engineering and Applied Science**

Major: Computer Science

Expected Graduation: June 2017

Cumulative GPA: 3.95/4.00

**Relevant Courses Include:** Fundamentals of Computer Programming, Data Structures and Management, Mathematical Foundations of Computer Science, Engineering Analysis, Design Thinking and Communication

**Lakeside High School**, Seattle, WA

**Sep 2009 – Jun 2013**

Cumulative GPA: 3.8/4.0

SAT: 2310/2400 Math: 800 Reading: 740 Writing: 770

AP: Calculus BC (5), Chemistry (4), Computer Science A (5), Physics C: E&M (5), Physics C: Mech. (5), Spanish (4)

## **EXPERIENCE**

**KPFF Consulting Engineers – Seattle, WA**

**Jun 2013 – Aug 2013**

Engineering Intern – 30 hrs/week, paid

- Worked directly with licensed civil engineers on Sound Transit East Link Light Rail design.
- Created turning templates for test vehicles and drafted roadway plans using AutoCAD.

**Lakeside School – Seattle, WA**

**Jun 2012 – Jul 2012**

Teaching Assistant – 25 hrs/week, paid

- Taught Algebra II to freshman as part of the Academic Bridges program.
- Conducted individual tutoring sessions for each student during the following fall.

## **SKILLS**

**Computer Languages:**

- HTML/CSS/Javascript/jQuery – Experience: < 1 year
- Java – Experience: 1 year
- C++ – Experience < 1 year
- Matlab – Experience: < 1 year
- C# – Experience: < 1 year

## **LEADERSHIP**

**Sigma Chi Fraternity, Omega Chapter**

**March 2014 – Current**

Executive Committee Member and Housing Manager

- Managed a \$12,000 budget and organized improvements to the fraternity house.