

# MICHAEL MENZ

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## EDUCATION

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### Staples High School

Graduated June 2013

- SAT I: 2400
- SAT II: Math II: 800, Physics: 800, Chemistry: 800
- AP: 5 on Calculus BC, Chemistry, Physics (Mechanics), Physics (Electricity & Magnetism), English Language & Composition, Microeconomics, Macroeconomics, Statistics
- High Honors
- National Honor Society

### Yale University

Anticipated Graduation May 2017

- Cumulative GPA: 3.96
- Coursework includes advanced combinatorics, multivariable calculus, linear algebra, algorithms and data structures

## EXPERIENCE

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### Rockefeller University

Summer 2012

*Research Intern*

*New York, NY*

- Interned in Laboratory of Mathematical Physics under Dr. Marcelo Magnasco
- Focus of research was electrophysiology of slime mold *Physarum polycephalum*
- Responsibilities included experimental work and data analysis

### Kumenz Software Solutions

July 2013 - Present

*Co-President*

*Westport, CT*

- Co-founded a mobile development company
- Developed four iOS applications for iTunes Store

### Yale Math Department

Summer 2014

*Researcher*

*New Haven, CT*

- Performed research on all-pay bidding games
- Developed an algorithm to compute optimal bidding strategies and proved its correctness

## TECHNICAL SKILLS

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### Computer Languages Tools

Python, L<sup>A</sup>T<sub>E</sub>X, Objective-C, C, Mathematica  
Microsoft Office

## NOTABLE AWARDS & ACHIEVEMENTS

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- National Merit Scholar Finalist (2013)
- Three-time Connecticut State Math Team selection (2011-3)
- AP Scholar with Distinction (2013)
- American Mathematics Competition Bronze Medalist (2013)
- Benjamin F. Barge Prize for Mathematics (2014)
- Putnam Score: 18 (2013)