

MICHAEL Z. R. GOTTLIEB

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OBJECTIVE

- Looking for a summer internship in a field with strong mathematical and analytical components

EDUCATION

- Currently enrolled as a Junior at **RPI**, majoring in **Computer Science**, and graduating in 2013. **Cum. GPA 4.0**
- Completed two full years at **Caltech**. **Cum. GPA ~3.2**
- **EmTech@MIT** 2010 Conference
- **Hackley School**, Tarrytown NY, 2007 (honors in Math)
- Two summers at **HCSSiM** (Hampshire College Summer Study in Mathematics)

EXPERIENCE

- | | | |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Summer 2010 | American Media, Inc
Finance; DQI
<i>updated forecasting and expenditures spreadsheets, worked with a team on the database for DQI (an index of the value of each magazine's location on store racks)</i> | New York, NY |
| Summer 2009 | American Media, Inc
Subscription Services & Consumer Marketing
<i>created and updated data spreadsheets, worked on profit/sales forecasts, set up a portfolio of AMI's subscription advertising techniques</i> | New York, NY |

LEADERSHIP

- Organized, advertised, and ran a successful Rubik's cubing competition
- Was part of a team of judges who helped decide what note charts would be allowed into a popular online rhythm game
- Wrote and continues to maintain qqTimer, the most popular online timer for serious Rubik's Cube solvers, used throughout the world

ANALYTIC SKILLS

- Skilled at seeing the "big picture"
- Excellent intuition into methodology of solving complex mathematical problems
- Very good pattern recognition and attention to detail

COMPUTER SKILLS

- Applications programming in Visual Basic, C/C++, Javascript, and PHP
- Web design in HTML and CSS, and web programming in Javascript, PHP, and MySQL
- Math typesetting in LaTeX
- Strong debugging skills
- Great understanding of user interfaces
- Microsoft Office with special skills in Excel
- Mathematica and other simulation tools

OTHER SKILLS

- Additional Language Skills: French
- Typing speed of over 100 WPM with high accuracy
- Fast learner; can quickly adapt to new software or a new technique
- Amateur player of tennis, squash, and table tennis

- Interested in experimental music and music composition
- Ranked 198th out of 14000+ worldwide in solving the Rubik's Cube, ranked top 100 in many other puzzles, held four North American Records and two World Records, can solve 100+ different puzzles and holds hundreds of unofficial world records

AWARDS

- Honorable mention in the **Putnam Mathematical Competition**, 2009
- Invited to take the **USA Mathematical Olympiad** (USAMO), 2006 and 2007
- Invited to the Mathematical **Olympiad Summer Program** (MOSP), 2006
- 6th place and Bronze Award in the **Asia Pacific Mathematics Olympiad** (APMO), 2007
- Invited to the **International Linguistics Olympiad** (IOL), 2007 - 13th place finish in the individual round, tied for 1st place in the team round
- **Cum Laude Society**, 2007
- **Rensselaer Medal**, 2006
- Selected for **RPI's Presidential Scholars program**, 2007
- Admitted to **Harvard**
- First place in New York State in the **American Mathematics Contest 12** (AMC12), 2007
- Gold Medal and 4 Commended Solutions in the 18th **USA Mathematical Talent Search** (USAMTS), 2007
- **National Merit Scholarship** Finalist, 2007
- Completed **16 Advanced Placement tests** during high school, with a grade of 5/5 in Calculus AB, Calculus BC, Chemistry, Computer Science A, Computer Science AB, English Language, English Literature, French Language, French Literature, Physics B, Physics C – Mechanics, Physics C – E&M, and Statistics, and a grade of 4/5 in Macroeconomics, Microeconomics, and US History
- **New York State AP Scholar**, 2007
- **AP National Scholar** and AP Scholar With Distinction, 2006
- Lauréat in the **Concours National de Français**, 2006

PERSONAL

- US Citizen with current passport
- Security clearance eligible