

MICHAEL Z. R. GOTTLIEB

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OBJECTIVE

- I have a strong interest in mathematics and computer algorithms, and I am looking for a challenging and creative full-time position involving programming and finance.

EDUCATION

- **Security+ certification**, 2014
- **B.S. in Computer Science** from **RPI** 2013. **Cum. GPA 3.9**
- 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

2017-present	Bloomberg <i>Structured Products team</i>	New York, NY
2016-2017	Addepar <i>Developing time-critical fixes and larger refactors for a complex ETL application, and improving internal tooling, in Java on Mac</i>	New York, NY
2013-2016	Boeing <i>Software development and testing on an existing application involving ETL and Big Data, and using Ruby/JRuby, Java, and Hadoop on Linux</i>	Arlington, VA
Summer 2012	Fidelity Investments <i>Worked with a team to develop software projects using HTML/CSS, Javascript, jQuery, Java/JSP, MySQL, and q/kdb+, on both Windows and Ubuntu</i>	Boston, MA
Summer 2010	American Media, Inc <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

LEADERSHIP

- Organized, advertised, and ran a successful Rubik's cubing competition
- Wrote and continues to maintain qqTimer, the most popular online timer for serious Rubik's Cube solvers, used throughout the world

ANALYTIC SKILLS

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

COMPUTER SKILLS

- Application/web programming in C/C++, Ruby, JavaScript, Java, PHP, MySQL, q/kdb+, Microsoft Visual Basic and Excel, on Windows and Mac/Linux
- Design and typesetting in HTML, CSS, LaTeX
- Strong debugging skills

OTHER SKILLS

- Typing speed of over 100 WPM with high accuracy
- Fast learner; can quickly adapt to new software or a new technique
- Averages 11 seconds on the Rubik's Cube and has solved several hundred related puzzles

AWARDS

Top 25, **Putnam Mathematical Competition**
USA Mathematical Olympiad
Mathematical Olympiad Summer Program
6th place/Bronze Award, **Asia Pacific**
Mathematics Olympiad
International Linguistics Olympiad
Cum Laude Society

Rensselaer Medal
RPI's Presidential Scholars program
First place in NY state in **American**
Mathematics Contest 12
Gold Medal, **USA Mathematical Talent**
Search

PERSONAL

- US Citizen with current passport