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Jonathan Rascher

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BACHELOR OF SCIENCE Computer Science & Mathematics \smile *North Central College.*

UNDERGRAD. MINOR Interactive Media Studies \smile *North Central College.*

Graduated June 2012 with a 4.0/4.0 grade-point average.
Member of Alpha Lambda Delta & Pi Mu Epsilon honor societies.

Academic Awards & Distinctions

ACADEMIC YRS. 2009–12 Entrant in William Lowell Putnam Mathematical Competition.
Member of ACCA programming contest advanced team.

ACADEMIC YR. 2012 Outstanding Major in Computer Science.
Outstanding Major in Mathematics.

ACADEMIC YR. 2010 Recipient of Mary Anice Seybold Prize in Mathematics.
Participant in Google FUSE summer undergraduate retreat.

ACADEMIC YR. 2009 Recipient of Presidential Scholarship.
Recipient of Science Scholarship.
Recipient of Phi Theta Kappa Scholarship.

FALL 2008–SPRING 2012 Dean's List (North Central College).

FALL 2007–FALL 2008 Dean's List (Elgin Community College).

Took first college courses as a high school sophomore through an early-admissions program at Elgin Community College.

Programming & Markup Languages

- x86 Assembly ◻ Adobe Flash ◻ Bourne shell ◻ C++ ◻ C# ◻ CSS ▪
- F# ◻ HTML/XHTML ◻ L^AT_EX ◻ Java ◻ JavaScript ◻ PHP ▪
- Python ◻ Visual Basic 6 ◻ Visual Basic .NET ▪

Relevant Concepts & Coursework

- Computer graphics in OpenGL
- Computer system concepts
- Data structures & algorithms
- Digital & film photography
- Discrete mathematics & proofs
- Linux server administration
- MySQL database programming
- Operating systems theory
- Robotics on Parallax Javelin Stamp
- Single & multivariate calculus
- Undergrad. analysis, algebra, & topology
- Web application development

Work & Volunteer Experience

JUNE 2012–PRESENT	Software engineer ∼ <i>Google</i> .
JAN. 2012–MARCH 2012	Preceptor: Nature of Proof in Math ∼ <i>North Central College</i> .
JUNE 2011–SEPT. 2011	Software engineering intern ∼ <i>Google</i> .
JAN. 2011–MARCH 2011	Preceptor: Computer Science II ∼ <i>North Central College</i> .
JUNE 2010–SEPT. 2010	Co-op developer in DIS division ∼ <i>Argonne National Laboratory</i> .
MARCH 2010–JUNE 2010	Preceptor: Animation with Flash ∼ <i>North Central College</i> .
SEPT. 2009–MARCH 2010	Web application developer ∼ <i>North Central College</i> .
SEPT. 2004–MARCH 2009	Education volunteer ∼ <i>Cosley Zoo</i> .
SUMMER 2007, 2008	Food runner/Cashier ∼ <i>Kane Country Cougars</i> .
SEPT. 2003–AUG. 2007	Teen volunteer ∼ <i>Bartlett Public Library</i> .