

# Matthew K. Jones

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## EDUCATION

2005 – Present      **Stanford University**, Stanford, CA  
B.S. in Computer Science expected June 2009

## RELEVANT EXPERIENCE

- June 2008 - Present      **Software Engineer Intern**, *Facebook Inc., Palo Alto, CA*
- Helped build spam and malware analysis and reporting systems
  - Instrumented user response system and extracted data for scalable analysis
  - Built visualizations for easily conveying user response efficiency statistics
  - Worked with analyst to build system for more efficient user question resolution
- Summer 2007      **Software Development Engineer Intern**, *Microsoft Corp., Redmond, WA*
- Developed new distribution method for Windows Live OneCare
  - Leveraged multiple technologies including ActiveX, MSHTML, COM, and MFC
- 2006 – 2008      **Lead Developer**, *Stanford Center for Professional Development, Stanford, CA*
- Co-managed multiple projects from design to execution
  - Designed and implemented a video access authorization system
  - Co-designed and integrated web-based single sign-on authentication system
  - Improved functionality and infrastructure of web backend using SQL and .NET
  - Designed & implemented database encryption system for very short plaintext
- 2003 – 2005      **Retail / Technical Associate (part-time)**, *RaceLogix, Inc., Evanston, IL*
- Executed retail sale of adventure racing and triathlon gear
  - Managed and networked a Point of Service and general use computer
  - Led cycling training rides for triathletes
- Summers 2004, 2005      **Camp Counselor, Area Head (2005)**, *YMCA Camp Echo, Fremont, MI*
- Led and worked with other counselors in cabins of fifth – ninth graders
  - Managed and ran Sailing and Bicycling programs (2005)
- 2000 – Present      **Computer Consulting (part-time)**, *Freelance, Evanston, IL*
- Lead developer for Tournaments and SendRoses Facebook application
  - Integrated FACES php application to Stanford's web environment
  - Problem-solved and repaired home computers and networks; educated users

## RELEVANT SKILLS

- Being an organic or de-facto team leader across disciplines
- Understanding, designing, implementing, and debugging complex systems
- Working directly with users to design fast, scalable, user-centric applications
- Facebook API, PHP, .NET, MySQL, Java, C, C++, shell scripting, Tex

## ACTIVITIES & AWARDS

- **Section Leader**, CS106 / CS198 program
- **Resident Computer Consultant**, Stanford University
- **Intel Science Talent Search Semifinalist**. Submitted original research
- **Webmaster and Racer**, Stanford Cycling Team
- Have financed parts of education through work, loans, and scholarships