

Karl T. Voelker

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School Address

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Unit 5
Rochester, NY 14623
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Permanent Address

306 East Johnson Street
River Falls, WI 54022
(715) 425-8015

Education

Rochester Institute of Technology, Rochester, NY, Fall 2005–Present
Graduating Spring 2010 with M.S. and B.S. in Computer Science
GPA 3.97; enrolled in Honors Program; National Merit Scholar

Experience

Graduate-level computer science courses in:

- Compiler construction
- Functional programming
- C.S. Theory
- Algorithms
- Cryptography

Investigation of 3-color Ramsey numbers of paths

- Computational and theoretical approaches
- Independent study with Prof. Stanisław Radziszowski

Compiler and runtime for Scheme-like language on the TI-89 graphing calculator

- Honors capstone project
- Self-taught the fundamentals of compilers
- Advised by Prof. Zack Butler

Programming Language Concepts Grader

Sep. 2008–Nov. 2008

C.S. Theory Grader

Mar. 2008–May 2008

Technical seminar series given to Computer Science House members

- <http://seminars.karlv.net>

Employment

Software Engineer Intern, Microsoft, Redmond, WA

May 2009–Aug. 2009

Software Engineering Intern, Truviso, Foster City, CA

May 2008–Aug. 2008

Student Programmer, R.I.T., Rochester, NY

Nov. 2006–Nov. 2009