Matthew Jibson

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Education

Colorado State University   Fort Collins, CO

- Enrolled in M.S., Computer Engineering, planned graduation May 2009
  Research with Dr. Tom Chen: VLSI and biosensors

Colorado State University   Fort Collins, CO

- B.S., Computer Engineering (GPA 3.3), 2007
  B.M., Piano Performance, 2007

Work History

- **Research Assistant**   Summer 2007
  Colorado State University, VLSI Lab   Fort Collins, CO

  - electrochemistry and response research on a CMOS biosensor chip
  - FPGA work to support biosensor chip

- **Intern**   Summer 2006 - May 2007
  Apictura, LLC.   Boulder, CO

  - wrote JSP and Java EE servlets using Tomcat
  - managed and tested networking services and servers
  - various other tasks to assist developers

- **Intern**   Summer 2005, Winter break 2005 - 2006
  SpectraLink   Boulder, CO

  - wrote Ethereal dissectors in C for proprietary wireless protocols
  - remote logic analyzer control in Perl
  - various other tools and features to assist developers

- **Intern**   Summer 2004
  IBM   Boulder, CO

  - created a tool in Java to improve productivity of the printer analysis team

- **Consultant**

  - Innovative Advertising - developer for a Fort Collins startup (June 2007 - present)
  - US Geological Survey - created Java programs for seismic analysis (2000 - present)

Skills

Languages: Python, Java, C, C++, PHP, SQL, Verilog, LaTeX

Operating Systems: OpenBSD and other Unix/Linux distributions

Applications: MATLAB, Mentor Graphics (DA, IC, esim)

Other: Pipe organ performance and construction