



W. Felix P. Handte

Software Engineer

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Experience:

- Facebook, Inc. (Software Engineer) Fall 2014 – Present
- Lead or participate in the design of a number of projects and services, including a new persistence layer for Messaging Infrastructure and a new data efficient client-server replicated generic key-value store.
 - Own projects from conception to design, execution, testing, and delivery.
 - Extensive recruiting, from interviewing to preparing and delivering talks.
- Radical Rhinoceros Pictures, LLC (Co-Founder, Cinematographer) Summer 2015 – Present
- Co-manage a small production company, producing and directing photography on commissioned and *sui generis* projects.
- Facebook, Inc. (Software Engineering Intern) Fall 2012, Summer 2014
- Re-architected a core service in the Messaging Infrastructure stack.
 - Implemented a code coverage and complexity analysis stack for Facebook's C/C++ code.
 - Exposed git metadata in a virtual filesystem for git repositories.
 - Completed more than a dozen milestones and wrote more than fifteen thousand lines of code.
- Harvard-Smithsonian Center for Astrophysics (Software Engineering Intern) Summer 2011, Summer 2012
- Software lead on the MMT Rapid Imaging Camera project, from unboxing through integration at the telescope.
 - Created data acquisition systems for the two cameras in the Adaptive Optics Phasing Camera experiment.
 - Implemented a real-time optical image stabilizer with a guidance camera and deformable mirror.
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Education:

- Rochester Institute of Technology (pursued a BS in CS) 2011 – 2013
- 3.500 GPA overall, three time Dean's List student
- Stuyvesant High School 2007 – 2011
- New York City Math Team, 2009 AMC10A School Winner, Robotics Team, Theatre (11 Productions)
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Skills:

Strengths:

- Excellent learning, problem solving, reasoning, communication, and teaching abilities.
- Experience designing, building, and operating distributed applications and systems at the largest scale.
- Broad and deep understanding of how computers work, from hardware to kernel to userspace to runtime.

Languages & Software:

- Proficient: C++, C, Java, Python, Git/Hg, L^AT_EX, Linux, Networking, Multithreading, Asynchrony
 - Comfortable: Folly, Thrift, Memcache, MySQL, RocksDB, HBase, SQLite, GCC/GDB/Perf.
 - Acquainted: PHP, Perl, JS, HTML/CSS, TCL, x86/MIPS/AVR Assembly, µControllers, OpenSSL, French.
 - Once Upon a Time: VBA, Netlogo, Scheme/Lisp, Spanish, Latin.
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Personal:

Hobbies:

- Philosophy, Photography, Cinematography, Music, Sailing, Skiing, Cryptography, Finance & Economics

