

JOHN DOE

Current Address

123 Fourth Street
Springfield, Illinois, 62701
(555) 123-4567

doe@gmail.edu

Permanent Address

567 Eighth Street
Springfield, Oregon, 97475
(555) 890-1234

January 1, 1970

To Whom It May Concern:

Sincerely,

John Doe

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Education

- **University of Tokyo**—Fort Wayne, Sun
Bachelors degree in Computer Science, minors in Mathematics and Physics
 - GPA: 3.5
 - Graduation Date: December 2011
- **Kutztown University**—Washington, DC
Ph.D. in Computer Science
 - GPA: 3.9
 - Anticipated Graduation Date: December 2016
- **Previous Coursework:** Algorithm Design, Theory of Computation, Networking, Wireless Networking, System Architecture, Operating Systems, Parallel Programming, Data Mining, Machine Learning, Compilers, Network Security, Operating Systems Security, Linear Algebra, Differential Equations, Vector Calculus, Mathematical Modeling, Cryptography, Analog Electronics, Modern Physics, Waves and Optics, and Quantum Mechanics

Qualifications

- Excellent problem solving skills and proficiency in data analysis
- Experience using SVN, Wikis, and Bug Trackers in a development community environment
- Good written and verbal communication skills developed through team projects and presentations
- **Operating Systems:** Windows, UNIX/Linux (Ubuntu, Debian, Redhat)
- **Computer Languages and Environments:**
 - Experienced in C, C++, Java, OpenMP, MPI, Cilk, X10, shell scripting, Gnuplot, and \LaTeX
 - Familiar with Fortran 90, Perl, Python, LabVIEW, Maple, Matlab, MIPS, x86, HTML, Word, PowerPoint, and Excel

Research and Professional Experience

- **Graduate School**—Kutztown University
Graduate Researcher: August 2012 –
 - Active research in parallel algorithms and scheduling under advisor Doe John
 - Heavy focus on batching and work-stealing strategies in the fork-join model
 - Implementation and testing experience on Georgetown's Medusa cluster
- **Application Scalability and Performance Group**—National Center for Atmospheric Research
SiParCS Intern: May 2012 – August 2012
 - Benchmarked network performance and explored abnormalities during the Yellowstone IBM iDataPlex cluster installation
 - Worked with hardware performance counters to identify congestion and inefficient communication patterns
 - Presented project findings to senior researchers at end of term

- **High Performance Computing Group**—University of Tokyo
Researcher: August 2011 – May 2012
 - Prototyped highly optimized matrix power algorithms for use in the Algorithms and Software for Communication Avoidance and Communication Hiding at the Extreme Scale (CACHE Institute)
 - Contributed to the Parallelization using Inspector/Executor Strategies (PIES) project
- **Networking Group**—University of Tokyo
Student Researcher: May 2008 – January 2011
 - Wrote front and back-end software for SecSpider, a DNSSEC monitoring project
 - Contributed to Vantages, a C++ programming library for DNSSEC operations
 - Developed simulation software for DNS caching with large data sets
 - Performed exhaustive statistical and causal analysis of BGP data anomalies from core Internet routers
- **Systems Security**—University of Tokyo
Teaching Assistant: August 2010 – December 2010
 - Developed exercises for use on the DETER Network Security Testbed
 - Supervised students running proof-of-concept attacks on simulated Domain Name Systems
 - Presented projects in class and assisted students during lab-hours
- **Software Development Team**—Secure64
Test Engineer: July 2009 – August 2010
 - Worked with developers to debug new DNS software for caching and authoritative servers
 - Developed automated scripts for use in the regression testing suite
 - Wrote software for long-term progress tracking and automated graphing
- **Computer and Network Vulnerability Assessment Simulation**—University of Tokyo
Lead Designer: August 2008 – May 2009
 - Annual network penetration testing competition
 - Hosted 70 students from nine major universities
 - Presented competitors with a network vulnerable to specific but diversified attacks
 - Developed real-time networked air traffic control simulation software for the scenario
- **RocketSat payload**—Oregon Space Grant Consortium
Software Engineer: October 2008 – May 2009
 - Developed software for multi-channel re-configurable data logger with high sampling rates
 - Designed intuitive front-end GUI for changing payload specific settings
 - Wrote parsing software for extracting and analyzing data post-flight
 - Wrote back-end assembly level software for control chip

Publications

- John Doe, "How to Train Your Dragon", 2016.
- John Doe, "12 Crazy Facts About Forks", 1968.
- John Doe, Doe John, "101 Awesome Riddles", 1967.