

Sean Krail

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COMPUTER ENGINEERING UNDERGRADUATE

Highly motivated senior computer engineering undergraduate seeking both internship and full-time opportunities in a wide range of fields. Interested in leveraging mathematical modeling experience, programming knowledge, instruction set architecture study, and hardware design skills to positively contribute to an organization's objectives, while also gaining valuable industry and life experiences.

SKILLS/EXPERIENCE (roughly grouped by comfortability)

+ 5	C/++ Java Calculus JavaScript Cadence MIPS Unix SIMetrix Node.js
4	Microcontrollers Breadboards Andriod KiCad Pipelining Clang's LibTooling
3	Software Development Integrated Circuit Design Instruction Set Architecture FPGAs
2	Clang Spice Simulations Data Structures Signal Analysis Field Theory Probability
- 1	LLVM SQL PHP Computer Networking Systems of Differential Equations VHDL

RELEVANT COLLEGE COURSES (graduate courses are underlined)

Microcircuit Analysis I & II | Software Engineering | Mathematical Modeling | FPGA & PCB Prototyping
Computer Networking | Field Theory | Radar Systems | Random Signals and Noise | VLSI Systems
Senior Design I | Computer Engineering | Microprocessor Systems | Parallel Computer Architecture

EDUCATION

University of Delaware | Newark, DE | Expected Graduation: Spring 2016

Bachelor of Science in Computer Engineering with Computer Science Minor

Dean's List Spring 2015 with a 3.9 GPA and Fall 2015

Souderton Area High School | Harleysville, PA | Graduation: June 2012

AP Courses: Calc AB | Microeconomics | Macroeconomics | Statistics | U.S. History

WORK EXPERIENCE

Christiana Commons Front Desk Staff | Newark, DE | Fall 2012 through Fall 2014

Front desk serving over a thousand students living on University of Delaware's Laird campus.

Front Desk and Mailroom

- Multitasked to help more than one student or fellow employee at a time.
- Communicated specifications to students passed down to me by my supervisor.
- Performed operations on the university's database of students in a high-level application.

ACTIVITIES AND INTERESTS

Future Business Leaders of America | 2 years | Souderton Area High School

High School Volleyball | Varsity | Souderton Area High School

Longboarding | Hills

Hiking | Nature