

D o b o s, A r o n P.

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Education

Swarthmore College Swarthmore, PA *Fall 2002 - Present*
Expected Bachelor of Science in Engineering, Cumulative GPA 3.80
Tau Beta Pi Engineering Honors Society President PA-K Chapter

The Catlin Gabel School Portland, OR *Fall 1998 – June 2002*
Graduated Top of Class, Valedictorian, GPA 3.83, SAT 760V/760M

Technische Universität München Munich, Germany *Summer 2005*
German Language and Engineering Summer Program

Work Experience

Hyperlabs, Inc.
Software and hardware designer for network-based embedded time-domain reflectometry (TDR) instrumentation. *Spring 2002 - Present*

Maxim Integrated Products

High Frequency CAD Group
Wrote drivers for HT59 IC, PMSPEED DRC enhancements *Summer 2005*
Developed Cross-platform codebase for PMSPEED *Summer 2004*
Improved QuERC performance for large chip designs. *Summer 2003*
Wrote XFP Chip Interactive Test Program. *Winter 2003*
Developed QuERC Electrical Rules Checker runtime engine. *Summer 2002*
Rewrote Unix version of PMSPEED bond-wire modeling tool. *Summer 2001*

Intel Corporation

Intern, High Performance Compiler Group *Summer 2000*
Apprenticeships in Science and Engineering Internship Program
Worked on OpenMP test programs for Intel's parallelizing C compiler.

Teaching Assistant Experience

Swarthmore College Engineering
Engineering 11 Clinician *Fall 2005*
Conducted weekly workshop providing assistance to second year engineering students with introductory circuits homework.

Johns Hopkins University Center for Talented Youth

Computer Science Teaching Assistant *Summer 2004*
Assisted the instruction of Data Structures and Algorithms to talented and gifted high school students

Engineering Coursework

Mechanics, Electrical Circuit Analysis, Linear Systems Analysis, Digital Systems, Computer Architecture, Thermofluid Mechanics, Control Theory and Design, Electronic Circuit Applications,

Electromagnetic Theory, VLSI Design, Directed Reading on Audio Power Amplifiers

Foreign Languages

Hungarian (native), German (2 yrs), Spanish (7 yrs)

Activities and Interests

Swarthmore College Chorus, Skiing, Piano (13 years of study), Swarthmore College Men's Swim Team, Woodworking, Metalworking, Computer Programming (C/C++, Scheme, Java, Perl)

References

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