

Daniel Lukach

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Education

Stony Brook University, Stony Brook, NY

Major: Electrical Engineering

Anticipated Graduation: May 2018

Commack High School, Commack NY

Graduation: June 2014 with IB Certificate

Relevant coursework: Computer Science 1, Electrical Circuit Analysis 1, Digital Systems, Design, Computer Techniques for Electronic Design I & II, Electronics Laboratory, Deterministic Signals and Systems, Electronics, Applications of Op Amps, Analog Integrated Circuits, Digital Design With VHDL

Summary of Skills:

Software: Cadsoft Eagle, PSPICE (OrCAD), Xilinx, C, C#, Java, C++, VHDL, Windows 7, Windows Server 2008, AutoCAD, AutoCAD Inventor, Synplify, ISPLever

Hardware: Power Supply Design, Embedded Design with Atmel AVR, Rapid Prototyping, Circuit Testing and Design, Arduino, Raspberry Pi, SPI, I2C, Reverse Engineering, Circuit Troubleshooting

Related Experience

- Stony Brook University, *Researcher*, Summer 2015 – Present
 - Designing Two-Stage Power Supply: 0-12V Adjustable, 80% Max Efficiency
 - Rapid Prototyping and Design
 - Board Design with Cadsoft Eagle
- Bren-Tronics Inc., *Electrical Engineering Intern*, Summer 2016
 - Wrote ARM Firmware for Solar Inverter Project
 - Designed C# Battery Test Result(.txt) to Excel with graph plotting application
 - Designed 125W dual output USB-C Charger
 - Board Design with Cadsoft Eagle
- Northrop Grumman High School Involvement Program, Spring 2013
Bethpage NY
 - Collaborated on Group Projects
- Citibank, *Global ATM Support Intern*, Summer 2013
Hauppauge, NY
 - Tested and Evaluated ATM software
 - Learned ATM design, architecture, and support
- High school Computer Science Project, 2012-2013
 - Designed software for school administrator
 - Met with customer and evaluated software based on customer's needs

Additional Experience

- RadioShack Corporation, *Sales Associate*, Summer 2014 – Summer 2015
East Northport NY
 - Key Holder
 - Handled Bank Deposits and Orders

Extracurricular Activities & Achievements

- Future Engineers – Vice President (2012-2014)
- National Technical Honor Society(2012-2014)
- NY State Math Honor Society (2012-2014)
- Computer Science Club (2011-2014)
- NYIT Engineering Fair 2012- Innovation Award, 2013 – First Place, 2013 – Engineering Award
- MIT Inventeams (Summer 2013)
- Science Olympiads (2013-2014)
- Commack High School – Excellence in Technology(2014)