Leah M. Denham

180a Palo Alto Ave – Palo Alto, CA 94301

📱 (706) 831 0801 • ✉ ldenham828@gmail.com • 🌐 ldenham3.github.io

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Experience

Polytron, Inc. — Duluth, GA
Design Engineer — *October 2014–June 2016*

- Responsible for executing technically sound project design while maintaining cost efficient schedules
- Work in adherence to the National Electric Code (NEC)
- Develop and implement design standards and detail design calculations
- Development of equipment requirements and specifications
- Providing plant and equipment electrical power, automation and information system design
- Controller programming (HMI, PLC, etc.)
- Preparing feasibility studies and equipment comparisons
- Oversee on-site installation and provide project start-up support

Georgia Institute of Technology Robotics and Intelligent Machines Center — Atlanta, GA
Undergraduate Research — *August 2013–May 2014*

- Developed and Designed Holonomic Dynamically Balancing Robot
- Team Development of DART and GRIP Software: Simulated Robotics Testing

Georgia Institute of Technology College of Computing — Atlanta, GA
Student Assistant — *May 2013–August 2013*

- Managed Social Media Accounts and Statistical Reports
- Developed OMSCS Program Website and Correspondence Management

Grace Hopper Women in Computing Scholarship Recipient — 2012

Education

Georgia Institute of Technology — Atlanta, GA
Bachelor of Science in Computer Science — *2011–2014*

Udacity
Front End Web Developer Nanodegree — *2016-Present*

Programming Languages and Tools

Proficiency
- HTML
- CSS
- Java
- LaTeX
- JavaScript
- Git

Working Knowledge
- VHDL
- C
- IEC 61131-3 Languages
- Python
- XML

Skills

Data Structures: Lists, Trees, Graphs, Hash Tables/Maps, Heaps

IDEs and Editors: Eclipse, TeXworks, Vim, Notepad++, Atom, Sublime

Design Software: Adobe Photoshop, Adobe Illustrator

Operating Systems: Microsoft Windows, Ubuntu, Arch Linux

Version Control: Git, SVN