

# Jonathan Lowe

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## EDUCATION

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**University of Virginia School of Engineering**, Charlottesville, V.A.

B.S. Computer Engineering December 2017 (anticipated)

Fall 2015 – Present

- GPA 3.97
- Projects: Implemented Serial Communication between a TI 84 calculator and a microcontroller. Designed and built an Audio Visualizer Circuit on a PCB. Designed a 16-bit processor in Logisim to implement IBCM machine code. Designed a 16-bit processor in VHDL. Built a secure file sharing web app. Built an interpreter for the Cool programming language.

**Central Virginia Community College**, Lynchburg, V.A.

A.S. Engineering

Fall 2014

- GPA 3.95
- Merit-based, full-tuition scholarship recipient from Central Virginia Community College and the Engineering Advisory Committee

## WORK EXPERIENCE

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**University of Virginia** Charlottesville, V.A.

Teaching Assistant

Fall 2016 – Present

- Helping students understand course material and debug their projects

**Wexler Consulting Group**, Alexandria, V.A.

Developer

Summer 2016

- Developed marketing software products including a chrome extension and WordPress plugin

Interface Analyst

Fall 2014 – Fall 2015

- Managed client accounts; provided support to clients; responded to client questions and requests
- Implemented 5 automated email marketing campaigns on Infusionsoft, per month
- Provided IT support for the office
- Performed web development for clients, customized web forms with HTML and CSS; Edit WordPress sites adding opt-ins; Built a website

Intern

Summer 2014

- Learned to use Infusionsoft through internet research
- Provided administrative support for the office

## EXTRACURRICULARS

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**Legion of Mary**, Falls Church, V.A.

Summer 2014 – Fall 2015

- Performed 2 hours of community outreach a week: visiting nursing homes and home visits

**Classical Piano**, Lynchburg, V.A.

Fall 2001 – Fall 2012

- Awarded Superior in VMTA in Music Theory Spring 2012

- Awarded Superior in CVMTAH for Performance Fall 2010 and Fall 2011

## **REFERENCES**

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### ***Central Virginia Community College, Lynchburg V.A.***

Dr. Michelle Penner  
Professor of Mathematics, CVCC  
3506 Wards Rd.  
Lynchburg V.A. 24502  
Phone: (434) 832-7721  
Email: pennerm@cvcc.vccs.edu

### ***Wexler Consulting Group, Alexandria V.A.***

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