**Jonathan Lowe**

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**EDUCATION**

***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**

***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 marking 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**

***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**

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

Dr. Michelle Penner

Professor of Mathematics, CVCC

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

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