

# Benjamin Elliott

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## EDUCATION

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**Viterbi School of Engineering, University of Southern California, Los Angeles, CA** May 2019

Bachelor of Science in Computer Science and Engineering

- Trustee Full-Tuition Scholarship
- Viterbi Undergraduate Fellow
- Undergraduate Engineering Honors Program
- Coursework: Introduction to Programming, Introduction to Embedded Systems, Calculus III

**Mercer Island High School, Mercer Island, WA** Jun 2015

- Cumulative GPA: 3.93/4.00 unweighted

## SKILLS

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**Languages:** JavaScript, HTML5, CSS, C, PHP

**Tools:** Git, Node.js, XAMPP, Gnuplot, Visual Studio, Eclipse

**Platforms:** Web, Windows, Linux

**Hardware:** Arduino, Raspberry Pi

## EXPERIENCE

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**Microsoft, Redmond, WA** Jun – Aug 2015

*Software Engineering Intern*

- Developed a web application to improve the accessibility and management of voice banking
- Tested and logged bugs on undisclosed Microsoft software
- Collaborated with a team of ALS patients to develop hardware and software

**ALS (Amyotrophic Lateral Sclerosis) Association, Tacoma, WA** Apr – Aug 2015

*Technical Instructor*

- Provided technical support to ALS patients for their use of computer speech generating devices

**Gifting to Charity, Seattle, WA** Dec 2014 – Jun 2015

*Founder*

- Built a chrome extension enabling Amazon gift card donations to the Mercer Island Schools Foundation

**University of Washington College of Engineering, Seattle, WA** Jun – Sep 2014

Department of Electrical Engineering, Laboratory of Dr. John Sahr

*Research Intern*

- Developed a computer program to calculate ionospheric radio wave motion under diverse conditions

**University of Washington College of Engineering, Seattle, WA** Jun – Sep 2014

Department of Electrical Engineering, Laboratory of Dr. Blake Hannaford

*Research Intern*

- Built and coded microprocessors attached to leg prosthetics to provide patient sensory feedback

## EXTRACURRICULAR ACTIVITIES

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**National Honor Society President, Mercer Island HS, WA** May 2013 – Jun 2015

**Varsity Tennis Captain and State Doubles Title Jr Year, Mercer Island HS, WA** Sep 2013 – Jun 2015

**TEDx Mercer Island Founder, Seattle, WA** Sep 2012 – Jun 2015