

# Elena N. Horton

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## EDUCATION

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**Dartmouth College**, Hanover, NH  
*B.A. Computer Science, Economics*

**GPA: 3.94/4.00**

June 2018

### Relevant courses:

- *Computer Science*: Senior Honors Research Thesis: [Balancing patient control and practical access policy for electronic health records via blockchain technology](#), Operating Systems, Cryptography, Combinatorial Optimizations, Algorithms, Discrete Mathematics, Software Design and Implementation
- *Economics*: Business Strategy and Management, Financial Markets and Intermediaries, Econometrics, The Price System, Microeconomics, Macroeconomics, International Trade, International Politics

**Honors:** Phi Beta Kappa, Rufus Choate Scholar (Top 5% GPA), Dartmouth Economics Research Scholar

## WORK EXPERIENCE

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**Microsoft Corporation**, Redmond, WA  
*Program Manager, Energy Efficiency Team*

February 2019 – Present

- Worked closely with developers to redesign the Windows sleep architecture for better diagnostics and understanding of sleep-specific issues; aligned this transition across stakeholders and the broader ecosystem
- Unblocked adoption of Modern Standby by working with external partners to address the performance vs. power tradeoff of dGPU support on desktops and defining new design guidance for the ecosystem
- Improving the relationships and ideation between management and Early-in-Career employees (EiCs) by starting a new EiC panel series and leading the “Base PM Squad” initiative
- Identified and triaged gaps in the team’s coverage of hardware certification tests and feature documentation

**Microsoft Corporation**, Redmond, WA  
*Program Manager Intern, Server Security Assurance Team*

June 2017 – Sept 2017

- Designed and developed a client application enabling enterprise admins to control both typical virtual machines and isolated encrypted workloads on a single device; deployed the solution for customers on-site
- Informed internal business analytic initiatives by conducting user research interviews and synthesizing a competitive analysis of Microsoft’s “privileged access workstation” solution

**Dartmouth College**, Hanover, NH  
*CS50: Software Design and Implementation, Teaching Assistant*

March – June 2017

- Led weekly sessions to solidify software design concepts and aid students in developing large-scale projects
- Graded student projects, offered feedback, and worked with the CS department to improve the class structure

**Applied Predictive Technologies**, Washington, D.C.  
*Business Consultant Intern*

January – March 2017

- Identified key data inconsistencies and iterated upon different analytic strategies to outline the best-practice process for a client’s continued use of APT’s ‘Test & Learn’ software
- Collaborated with lead executives to create personalized, measurable market tests and communicated how APT’s analytic methodology would drive persistent value for their company
- Contributed to the data analysis of clients’ business initiatives; synthesized findings into client-facing business impact presentations

## LEADERSHIP EXPERIENCE

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**The Sideline Perspective**, *Content Advisor*

August 2018 – Present

- Advise, sponsor, and create content for *The Sideline Perspective*, a platform for ex-athletes to find community
- Expanding outreach through a new podcast series, social media initiatives, and fundraising events

**DREAM Mentoring Program**, *Co-Chair*

Fall 2015 – June 2018

- Coordinated logistics and planned weekly activities for our program, which pairs college mentors with underprivileged youth in long-term, one-on-one relationships
- Expanded our communication platform with local families and introduced community outreach events
- Recruited younger student mentors and engaged with community parents to expand our program

## ADDITIONAL INFORMATION

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**Technical Skills:** C#, PowerShell, Python, Java, C, STATA

**Other Activities:** Harborview Hospital Volunteer, Dartmouth Varsity Women’s Ice Hockey, Women in the Wilderness

**General Interests:** Ski Mountaineering, Leadership Theory, Traveling, Endurance Racing, Improvisational Comedy