

# Allie Ivener

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<b>Work Experience</b>	<b>Mastercard</b> , San Francisco – Senior Software Development Engineer <span>Aug 2016 – Present</span> <i>(formerly Applied Predictive Technologies)</i> <ul style="list-style-type: none"><li>Team lead for 6-person engineering team developing data insights platform that leverages Mastercard transactional data set (2B+ cards and 65B+ yearly transactions). Contributed to software license expansion from 1 to 30+ clients.</li><li>Recognized team expert in generic, real-time results calculation engine, results cache, and implementation of data privacy rules. Primary engineering touchpoint for cross-functional communication and data investigations.</li><li>Leading performance workstream to transition calculation engine to Azure data warehouse.</li><li>Investigated necessary changes to support multi-tenant architecture for a new product offering.</li><li>Owned the design, architecture, and evolution of the core application for efficiently pre-processing and storing Mastercard data.</li><li>Genericized and internationalized Mastercard data calculation process.</li><li>Independently built front-end querying tool for Mastercard data used by internal client services teams.</li><li>Organized team sprint planning, backlog meetings, and technical design meetings. Contribute to career growth of team members.</li><li>Led collaboration with team of database analysts in Gurgaon, India office, including on-boarding and road map development.</li><li>Head of SF Office's Women Leadership Network. Driving diversity initiatives through planning of office-wide events.</li><li>Co-led UVA campus recruiting efforts.</li></ul>
	<b>Microsoft</b> , Redmond, WA – MSIT Software Development Engineer Intern <span>Summer 2015</span> <ul style="list-style-type: none"><li>Developed Partner Incentives application to streamline partner on-boarding</li></ul>
	<b>22seven</b> , Cape Town, South Africa – Web Development Intern <span>Summer 2014</span>
<b>Activities</b>	<b>College Coach</b> , ScholarMatch <span>Aug 2019 – Present</span>
	<b>Head Coach – Junior Varsity Field Hockey</b> , Thomas Jefferson High School <span>2016 –2018</span>
<b>Education</b>	<b>University of Virginia</b> , Charlottesville, VA <span>2012 – 2016</span> <b>B.A. with Distinction – Computer Science and Cognitive Science</b> Cumulative GPA: 3.7 <ul style="list-style-type: none"><li><i>Academic Honors:</i> Echols Scholar – top 7% of class, Raven's Society, Dean's List</li><li><i>Leadership:</i> Women in Computing Sciences club (founding member, webmaster), TEDxUVA (founding member, logistics committee chair), Computer science Teacher's Assistant</li></ul>
	<b>Thomas Jefferson High School for Science and Technology</b> , Alexandria, VA <span>2008 – 2012</span>
<b>Skills</b>	C#, SQL Server, React / Redux, ASDW, Java, HTML, CSS, Github, AngularJS