

Grady Berry Ward

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Education

Brandeis University - *Graduated May 2016*

GPA: 3.99

Bachelor of Science in Mathematics, Economics and Computer Science (highest honors)
Phi Beta Kappa (Jr + Sr Year), Presidential Scholar, Lerman-Neubauer Fellow,

Software Experience

Full Stack Web Engineering

Java (EE), Python, Django, JavaScript, NodeJs, Jasmine, SQL, MongoDB, AWS, GCP, GAE

Scientific Research

C, Matlab, Java, Python, R, STATA, SPSS, LaTeX

Work Experience

Google - Software Engineer (L3) - *Mountain View CA* (2016 - Today)

Enterprise Infrastructure and Storage Team for GSuite, with excellent work and coworkers
End to end project ownership, including design, implementation testing and maintenance

CalcU - Engineering Team Lead - *Waltham MA* (Summer 2015)

Responsible for 3 direct reports, funding, engineering strategy and user design

edX - Software Engineering Intern - *Cambridge MA* (Summer 2014)

JumpStart - Outcomes Data Analysis Intern - *Boston MA* (Summer 2013)

Independent Projects

FindAClinic - A search tool for price and location comparison for an important medical procedure. (2017)

Reconstruction Conjecture Verification - passing McKay, up to 12 nodes = 1 trillion graphs. (2017)

BannanaGrams - an adaptive AI with $O(\ln(N))$ tile addition time. (2016)

DrawMeCSS - flexible library enabling CSS Animations to render gorgeous pages. (2016)

Senior Thesis - investigated the discriminatory power of polynomial time invariants for GI. (2016)

GI Testing Optimization - Using tries, pre-allocated memory, lazy evaluation, and streams in C. (2016)

InPlace - Static page editor for version controlled editing of a complex, multi-administrator site. (2016)

Parley - A conversation aid that reimagines the comment thread as an annotation tree. (2016)

GradyDocs - An online collaborative tool (www.GradyDocs.com) for text processing. (2015)

CalcU - A Calculus course aid (www.calcu.education) with 12K+ problems, ML, and a nice UX. (2015)

Activities, Interests, Volunteering

FindAClinic - Toward a world with less deliberately misleading information (2017)

Non-Directed Kidney Donor (2017)

Varsity Athletics - Cross Country, Indoor and Outdoor Track (4:21 mile) (2012-16)

Student Representative to the Board of Trustees (2014-16)

Other: SunWorks, Computational Art, Biking, Politics, Theology

Awards

Kukin Moskowitz Prize for Excellence (2016)

Computer Science Prize for Outstanding Achievement (2016)

Computer Science Entrepreneur of the Year (2016)

Sidney S. Cohen Award in Economics (2016)