

Summer Wu

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🌐 sumwu.me

Education

Yale University, New Haven CT

2014-Present

Bachelor of Science with distinction in Computer Science, May 2018; GPA 3.71/4.0

- Selected Coursework: AI, Algorithms, NLP, Distributed Systems, Systems Programming and Computer Organization, Computational Intelligence for Games, Engineering Innovation and Design, Linear Algebra, Probability and Statistics, Competitive Strategy, Behavioral Economics, Influence and Persuasion, Graphic Design, Life Worth Living

Aquincum Institute of Technology, Budapest, Hungary

January 2016-May 2016

Spring Study Abroad; GPA 4.0/4.0

- Selected Coursework: Data Mining, Computer Graphics, Computer Vision, UI Design

Illinois Mathematics and Science Academy, Aurora IL

2010-2013

Diploma, June 2013; Skipped 9th grade; GPA 3.97/4.0

Experience

Head Morse First-Year Counselor, Yale University

August 2017 – May 2018

Led a team of 7 counselors; oversaw the transition of 16 first-year students to Yale.

Technology Associate Intern, Bridgewater Associates

June 2017 – August 2017

Managed the responsive redesign of Bridgewater's client-facing portfolio analysis product. Redesigned product was approved by management to be rolled out to external clients in September 2017.

Head CS50 Teaching Fellow, Yale University

March 2016 – February 2017

CS50 Teaching Fellow, Yale University

February 2015 – March 2016

Lead a weekly section of 12 students, held office hours, fielded questions via email and the course's discussion board, graded assignments, and hosted events including "Puzzle Day", a hackathon, and a project fair. Additional responsibilities as Head TF included team-building, planning meetings, and directing course strategy.

Strategist Summer Analyst, Goldman Sachs

June 2016 – August 2016

Developed web-based tools for manager analytics. Built a model for predicting future manager performance. Only intern project included in the AIMS group's weekly internal newsletter highlighting team achievements.

Engineering Practicum Intern, Google

May 2015 – August 2015

Researched bottlenecks for the Play Store Android app on legacy (2G) connections. Implemented a "tap to load screenshot" feature that reduced the amount of data being downloaded for each app page by > 50%. Scheduled an experiment affecting 1.2 million users on 2G and 3G networks in developing countries.

Software Engineering Intern, AVOS Systems, Inc.

September 2013 - March 2014

Developed and launched "Dropdot," an educational connect-the-dots Android game for children, in 5 months. Marketing effort resulted in being interviewed by Android Central and featured by Google in their app store. Dropdot, which is on Google Play, had 28,000 downloads in 164 countries, 2 months after launch.

Extracurricular Activities

Developer, Miscellaneous Hackathons

October 2014 - present

PennApps Winter 2015- Developed an AI music composition tool with Myo and Oculus Rift integration

Capital One Summit for Software Engineers 2016- Integrated OCR into a receipt-splitting app built on Android

TreeHacks 2017- Constructed a smart mirror that uses emotion recognition to detect signs of depression

Awards/Publications/Skills

Awards: Morse Community Leadership Award, Share a #Hack with Coke Grand Prize, LinkedIn Festival 1st Place, Capital One Software Engineering Summit Hackathon Winner, Citadel Data Open Summer Invitational Runner-Up, Top Performing Alexa Skill Creator, PennApps Top 10, CopenHacks Most Innovative Hack, Comcast Leaders and Achievers Scholarship, International High School Mathematical Contest in Modeling- Outstanding Rank, National Merit Scholar

Publications: Nature Nanotechnology, Huffington Post, Digital Commons @IMSA, Yale Herald

Technical Skills: Android/Java, C, C++, R, Unity/C#, Django/Flask/Python, React/Javascript, HTML5, LESS/CSS3