Summer Wu

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Education

Yale University, New Haven CT   **2014-Present**
Bachelor of Science in Computer Science, May 2018 (Expected); GPA 3.68/4.0
- *Selected Coursework*: Design and Analysis of Algorithms, Natural Language Processing, Distributed Systems, Systems Programming and Computer Organization, Engineering Innovation and Design, Linear Algebra, Probability and Statistics, 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 First-Year Counselor (Incoming), Yale University   **Starting August 2017**

Technology Associate Intern, Bridgewater Associates   **June 2017 – present**
Managing the responsive redesign of Bridgewater's client-facing portfolio analysis product. Redesigned product 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
CopenHacks 2016- Built a Facebook Messenger Bot that mediates disagreements between two parties
TreeHacks 2017- Constructed a smart mirror that uses emotion recognition to detect signs of depression

Awards/Publications/Skills

Awards: 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, 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