

Justin He

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EDUCATION

University of Southern California, Los Angeles, CA

May 2020

GPA not yet available | *Bachelor of Science in Computer Science*

Trinity School, New York, NY

Class of 2016

SAT I: CR 730, M 800, W 700, GPA: 3.8, AP Computer Science A: 5

TECHNICAL SKILLS

- Proficient: HTML, CSS, JavaScript (jQuery), Node.js, Java, Processing/Arduino, MongoDB, LaTeX, Git, Photoshop
- Familiar: C++, Python, SQL, R

WORK EXPERIENCE

Freelance, *Software Developer & Graphic Designer*

March 2016 - Present

- Design and develop individualized webpages for various clients' intended goal
- Served a variety of clients including various school and community organizations

Memorial-Sloan Kettering Cancer Center, New York, NY, *Research Intern*

Summers of 2014, 2015

- Optimized lab technology and automated the production of graphical representation of data using R scripts
- Conducted independent research on Acute Myeloid Leukemia; assessed the disease's dependency on specific proteins

INDEPENDENT PROJECTS

Duelr (duelr.herokuapp.com)

January 2016

- Front-end built with HTML, CSS, JavaScript (Three.js) ; Back-end built with Node.js and Socket.io
- Built at University of Pennsylvania's Collegiate Hackathon PennApps XIII and won Plaid's sponsor prize for innovation
- Transforms your mobile smartphone into a remote controller/sensor to mimic a 3D sword using your laptop screen

Itemify (itemify.herokuapp.com)

Summer 2015

- Front-end built with HTML, CSS, Javascript; Back-end built with Node.js, Express.js, and Python
- A web application submitted to the Riot Games API Challenge that analyzes 150,000 League of Legends matches to find the most optimal build path for each character in the game

TrinDebate (trindebate.herokuapp.com)

Summer 2015

- Front-end built with HTML, CSS, JavaScript; Back-end built with Node.js, Angular.js and MongoDB
- Built a community website for my high school Debate Team, which serves 50+ debaters
- Built and designed custom tools for debate-specific tasks including tournament registration and collaborative preparation

LEADERSHIP AND INVOLVEMENT

LavaLab, *Cohort Member*

Fall 2016

- Admitted into a selective product incubator and startup community at the University of Southern California

Trinity School Debate Team, *Co-President and Webmaster*

August 2014 - May 2016

- Prepared the team for debate tournaments through research and practice (10+ hours per week)
- Managed the Trinity School Debate Team website, TrinDebate

Trinity School Computer Security Team, *Co-founder and Co-President*

August 2014 - May 2016

- Lead weekly meetings for new and existing members in computer security topics
- Found and participated in computer security competitions, called CTFs

ACTIVITIES, INTERESTS, AND AWARDS

- Won 2nd Place at High School Hackathon TigerHacks (Dalton School) for a food truck tracker built with Node.js
- Won 1st place at High School Hackathon StuyHacks (Stuyvesant High School) for 3D multiplayer first-person shooter game built with Node.js, Socket.io and three.js
- Won PennApps XIII Plaid sponsor prize for building Duelr
- Programming, Computer Security, Hackathons, KASA Dance Off Team (Member), Hip-hop Dancing, Swimming, Water Polo, Chinese American Student Association (Member)