

Justin He

119 85th Street, Brooklyn, NY 11209

www.justinhe.com | (646) 932-2095 | me@justinhe.com | github.com/justinhe16

EDUCATION

University of Southern California, Los Angeles, CA
Bachelor of Science in Computer Science

May 2020

Trinity School, New York, NY
SAT I: CR 730, M 800, W 700, GPA: 3.8, AP Computer Science A: 5

Class of 2016

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 and a fireworks company

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 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

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

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

LEADERSHIP AND INVOLVEMENT

LavaLab, *Cohort Member*

Fall 2016

- Admitted into the 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

- Programming, Computer Security, Hackathons, KASA Dance Off Team (Member), Hip-hop Dancing, Swimming, Water Polo, Chinese American Student Association (Member)