Alexander Chiang

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EXPERIENCE

MATHNASIUM | Instructor
Oct 2018 – Present | North Potomac, MD

- Tutored students grades 2-12, built custom learning plans, and worked with parents on their progress.
- Automated data entry for administrators using Java and Selenium, increasing productivity tenfold.
- Developed front-facing site for clients and file browsing site for admins using HTML/CSS, JS, and Node.js.

FINRA | QC Intern
Summer 2016, 2017 | Rockville, MD

- Wrote thorough automated tests to validate front-end with back-end of Microsoft CRM, Oracle PeopleSoft, and Firm Gateway, using Java, SQL, and Selenium, deployed on Jenkins.
- Worked in an Agile environment with multiple developers and testers, attending stand-up meetings daily, using specifications from and reporting bugs to JIRA.
- Collaborated with other interns to create an interactive SVG seating chart/floor plan using HTML/CSS, and JS.

THE DIAMONDBACK | Cartoonist
Oct 2013 – Aug 2016 | College Park, MD

- Wrote and drew daily comic strip and weekly editorial cartoon featured in student newspaper distributed campuswide, using Adobe Photoshop and Illustrator.

TSPI | Web Development Intern
Jun 2013 – Aug 2013 | Reston, VA

- Developed company portal and automated ticketing system in ASP.NET using HTML/CSS, and JS.
- Built cloud server boxes for medical professionals.

EDUCATION

UNIVERSITY OF MARYLAND, COLLEGE PARK | BS in Mathematics
Concentration in Applied Mathematics | July 2018 | College Park, MD

Relevant Coursework
Object Oriented Programming • Discrete Structures • Data Science • Algorithms
Real Analysis • Numerical Analysis • Statistical Computing

LANGUAGES

PROGRAMMING
Familiar
Java • Javascript • Python • Matlab • HTML • CSS • LaTeX
Exposure to
C • SQL • SAS • Ruby

SPOKEN & WRITTEN
Native proficiency
English
Limited working proficiency
Mandarin Chinese

EXTRACURRICULAR

BITCAMP | Organizer, Design Team
Nov 2017 – Present | College Park, MD

- Designed vector and pixel art graphics used on websites and promotional videos with Adobe Photoshop, Illustrator, and After Effects.
- Developed avatar creator website using HTML/CSS, JS, and Facebook, Twitter, and Slack API.

TERRAPIN HACKERS
Aug 2015 – July 2018 | College Park, MD

- Worked with a team to redesign and renovate club's hackerspace "Collider", including brightening up the space with vibrant wall art.
- Attended hackathons such as MedHacks, Hoya Hacks, VTHacks, HackRU, and MHacks with other members of the club.

UNIVERSITY OF MARYLAND BARBELL CLUB | Safety Officer
Aug 2017 – July 2018 | College Park, MD

- CPR/AED and First Aid certified.