

Alan Du

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EDUCATION

- MEng Computing - Imperial College London** - United Kingdom Oct 2014 - Jun 2018
- Graduated with 1st class honours.
- A-Levels - Eggescliffe School** - United Kingdom Sep 2013 - Jun 2014
- Ranked 1st out of 126 of the graduating class of 2014.
 - A-Levels: A* - Maths, A* - Further Maths, A* - Applied ICT and A* - Physics.

WORK EXPERIENCE

- Google - SWE-SRE** - Switzerland Sep 2019 - Present
- Riot Games - SWE** - Ireland Apr 2017 - Sep 2017
- Participating as an individual, I won 1st place in an internal hacking (CTF security) competition out of 65 participants. Involved pen-testing a website within a 2 hour time-limit.
 - Skills: JS/CSS/HTML, NodeJS, docker, NewRelic, AWS.
- JPMorgan Chase & Co - Technology Analyst** - United Kingdom Jun 2016 - Aug 2016
- Skills: JS/CSS/HTML, NodeJS.
- Shut Up Zone - SWE** - United Kingdom Jul 2015 - Sep 2015
- Created responsive webpages and solved existing security issues (e.g. XSS and MySQL injection).
 - Skills: PHP, JS/CSS/HTML, MySQL, Braintree Payment API.

PORTFOLIO

- Pokemon Creed** - <https://pokemoncreed.net> Jun 2010 - May 2020
- I made and deployed this multiplayer browser-based game when I was 14 years old and between 2010 to 2015, I accumulated over \$40000 USD in revenue (of which I donated \$1675.53 to charity). I gave away the game to a new owner in May 2020.
 - Skills: PHP, MySQL, Server Management, Cyber Security, JS/CSS/HTML.
- Mobile Apps** - <https://alan.co.uk/ios> Jun 2014 - Present
- Since 2014, I created mobile apps, distributed to Google Play and the iTunes App Store. I accumulated over \$15000 in pure profit (passive income). Some apps no longer exist, contact me for more info.

AWARDS

- Morgan Stanley Prize - Imperial College London** Jan 2015
- £500 awarded for having one of the top 12 best performing Autumn term exam results.
- UKMT Senior Maths Challenge** Dec 2013
- Best in Year certificate.

HACKATHONS

9 Hackathons

- I went to the Facebook, Morgan Stanley, Winton Capital, IC Hack (four times), Black Rock and JPMorgan hackathons. I mostly worked on the frontend development part. We won prizes from four of them (team sizes were 2, 3, 5 and 5) and I got an internship offer from another (team size was 5). Participating in hackathons enhanced my teamworking and presentation skills.

SKILLS

- Comfortable Skills** Feel free to test during interview, most proficient first
- Unity (C#), JavaScript/CSS/HTML, Web security, touch-typing (130 WPM), Python, Java, product + UI design, NodeJS, MySQL.