

# ANDREW J. YOUNG

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## EDUCATION

<b>Imperial College London</b> Computer Science and Mathematics (MEng) Societies: Debating, Dept. of Computing (DoCSoc), Mathematics, Finance & Investment	<i>2016-2020</i>
<b>Queen Elizabeth's School, Barnet</b> A2: 4 A*s (highest) in Math, Further Math, Physics, and Chemistry; GCSE: 13 A*s (highest)	<i>2009-2016</i>

## PROFESSIONAL EXPERIENCE

<b>Altair Fintech Project</b> · A project to create a trading robot for algorithmically trading cryptocurrencies in a 2-man team · Personally created databases, research, and a C codebase for the project	Jun 2017 - Pres.
<b>Opesci Group, Imperial College London</b> <i>Research Intern</i> · Made tutorials in jupyter notebooks for solving high-level ODEs. · Worked in python to solve reaction diffusion problems using the team's package and added to the codebase.	May 2017 - Aug 2017 <i>London, UK</i>
<b>JPMorgan Chase</b> <i>Spring into Technology</i> · Shadowed employees from software divisions and engaged in group coding projects.	Apr 2017 <i>London, UK</i>
<b>Morgan Stanley</b> <i>Spring Insight: Technology</i> · Shadowed tech divisions and learned about the applications of technology in banks.	Mar 2017 <i>London, UK</i>
<b>Hoteling</b> <i>Asakusa Guest House Manager</i> · Managed a 4 story guest house in Tokyo, developed a program for international students to learn foreign languages, and translating between English, Japanese, and Chinese.	Jul 2016 - Sep 2016 <i>Tokyo, JP</i>

## ACHIEVEMENTS

**2016 Constructed and launched an H-class high-powered rocket** in a team of 4. Apogee was reached at 1.5 km before returning to ground in a state fit for reuse.

**2015 Completed the UCL-Japan Young Challenge**, participating in a cultural exchange and Japanese language programs in the UK.

**2014 President and founder of an ISSDC finalist team.** Founded an independent team for the International Space Settlement Design Competition. Elected company president at the the national and international finals.

## LANGUAGES

**English:** Native  
**Japanese:** Fluent (N2:94th pctl)  
**Chinese:** Intermediate  
**French:** Basic

**German:** Basic

## TECHNICAL SKILLS

**Software Langs:** Java, Python, Rust, Haskell, HTML, CSS, L<sup>A</sup>T<sub>E</sub>X, x86 Assembly, C, mySQL

**Software Tools:** MS Office, MacOS, Linux, Git, Windows, Vim, Emacs, IntelliJ IDEA, JSON

**Typing:** 135 wpm (eng), 150 cpm (jpn)