

# Nicholas Laver

Software Engineer

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## Nicholas Laver

Mountain View, California

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## Skills

- Programming languages: Python, C++, Java, Javascript, PHP/Hack
- Strong theoretical computer science background built from training for and competing in the International Informatics Olympiad
- Experience developing client and server infrastructure for Android apps deployed to billions of devices

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## Experience

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### Facebook / Software Engineer

APRIL 2017 - PRESENT, MENLO PARK (USA)

- Worked on Facebook's error reporting infrastructure for Android, and developer experience improvements for engineers writing C++ on Android
- Lead a significant cross-team effort to fix a blind spot I discovered in our error reporting infrastructure, for which I was awarded a promotion
- Worked with C++, Java, Python, PHP/Hack, Javascript, React Native, Android/Linux, Breakpad

### Vesparum Capital / Software Engineer (Part Time)

MARCH 2014 - MARCH 2017, MELBOURNE & SYDNEY (AUSTRALIA)

- Developed an internal Django app into the primary repository of data for the business, integrating data from various internal and external sources
- Worked with Python, Django, Javascript, React, R, Postgres and C#
- Contributed to openpyxl, adding the ability to annotate Excel spreadsheets with comments

### Facebook / Software Engineer (Intern)

DECEMBER 2015 - FEBRUARY 2016, LONDON (UNITED KINGDOM)

- Worked with PHP/Hack to improve Facebook's SMS notification infrastructure

### Vesparum Capital / Software Engineer (Intern)

DECEMBER 2013 - FEBRUARY 2014, MELBOURNE (AUSTRALIA)

- Made various enhancements to an internal Django app

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## Education

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**UNSW / Bachelor of Science (Computer Science)**

FEBRUARY 2014 - NOVEMBER 2016, SYDNEY (AUSTRALIA)

Weighted Average Mark (WAM): 81.52

Notable results:

- Extended Algorithms and Programming Techniques (COMP3821): 98
- Security Engineering Workshop (COMP9447): 90
- Extended Operating Systems (COMP3891): 88

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## Awards

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- International Olympiad in Informatics - an annual competitive programming competition for secondary school students. Each country sends 4 students each year
    - Scored 139/600 in 2012
    - Scored 316/600 in 2013 - Bronze medal score
  - 2015 - The UNSW CSE Undergraduate Performance Prize for Year 2, 8th place. Awarded for academic excellence in CSE courses