

# OLIVER P. SCHWARTZ

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## EDUCATION

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**Princeton University** (Princeton, NJ)

**September 2017 – June 2021**

*B.S.E. Candidate in Computer Science*

- 2017-18 Academic Distinction (GPA 4.00)
- Shapiro Prize for Academic Excellence (2018)

**Sydney Grammar School** (Sydney, Australia)

**February 2011 – November 2016**

*Higher School Certificate*

- NSW Distinguished Achievers List, NSW All-Rounders List
- 99.80 Australian Tertiary Admissions Ranking (of a maximum 99.95, i.e. top 100 of over 77,000 candidates)
- Full Academic Scholarship (2011-2016)
- Arthur Giles Memorial Prize awarded for academic and sporting success
- Old Sydneian's Memorial Prize for general achievement

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## EXPERIENCE

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**Talent 100** (NSW, Australia)

**December 2016 – August 2017**

*Mentor/Tutor*

- Classroom teacher and 1-on-1 tutor. Taught in HSC-level Maths, Chemistry, and Physics
- Configured and customized Canvas (an online learning management platform)

**Lincoln Institute** (NSW, Australia)

**June 2017 – Present**

*Software Engineer*

- Parsing mass invoice data with Python scripting
- Automating creation of visuals using Plot.ly
- Extensive integration with Bridge LMS API. Deployment and automation of enrolment scripts using AWS Lambda and S3. Reverse engineering of an API with no documentation using Chrome Developer Tools.

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## EXTRA CURRICULAR ACTIVITIES

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**Princeton University** (Princeton, NJ)

- Heavyweight Rowing Team (2017-present)
- Center for Information Technology Policy (CITP) research contributor: configuration and testing of Internet of Things (IoT) devices for vulnerabilities

**Sydney Grammar School** (Sydney, Australia)

- Chemistry & Maths Olympiad Programs - Distinction Award
- Rowing: 1st VIII (vice-captain)
- Rugby: 1st XV

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## SKILLS AND INTERESTS

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**Programming and Systems Proficiency:** Java, C, Python, Bash, Linux, Verilog, AWS, GitHub

**Relevant Coursework:** Algorithms & Data Structures, Programming Systems, Electronic Circuit Design, Logic Design, Linear Algebra, Multivariable Calculus, General Physics I & II

**Language Fluency:** English & Slovak (native fluency)