

# Will Smith

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## Education

- **University of Technology Sydney, Australia** **March 2016 – November 2020**  
Bachelor of Engineering (Honours) in Software
  - **University of Lausanne, Switzerland** **January 2020 – February 2020**  
French Intensive Course – Winter School
  - **CentraleSupélec Institute of Engineering and Science, France** **June 2019 – July 2019**  
Artificial Intelligence – Summer School
  - **KTH Royal Institute of Technology, Sweden** **August 2018 – January 2019**  
Computer Science – Exchange Program
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## Employment History

- **Service NSW, Sydney – Product Engineer** **June 2020 – Current**
    - Practising Extreme Programming every day with pair programming, TDD and CI/CD
    - Writing web-apps with React in JavaScript and Spring Boot in Kotlin
    - Negotiating APIs with external agencies
    - Monitoring applications in production with New Relic and Splunk
  - **Clearbox Systems, Sydney – Software Developer** **October 2017 – June 2020**
    - Developed and maintained AngularJS-Java web-apps working in small, full-stack Agile teams
    - Led a new project as main developer to fortnightly deliveries and client satisfaction
    - Reviewed code and mentored new graduates
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## Projects

- **Applying Modern Techniques in AI to Neural Activity:** Thesis project applying state-of-the-art techniques in AI to recorded brain signals - *Python, Tensorflow, Keras* - [WillSmithTE.com/thesis](http://WillSmithTE.com/thesis)
  - **SnowTrack:** Provide a way for people to dynamically view snowfall data in Australia, with data auto-updating using AWS Lambda and CloudWatch - *AWS, React, Python* - [WillSmithTE.com/snow](http://WillSmithTE.com/snow)
  - **Digital Licensing Scheme:** Digitising processes of applying for and managing licences for NSW businesses with Service NSW - *Spring Boot, React, PostgreSQL*
  - **Foresight:** Web-app for monitoring and controlling telecommunications equipment remotely at Clearbox Systems - *AngularJS, Typescript, Java, PostgreSQL*
  - **NBA Ratings:** Gather various basketball statistics using a mix of public APIs and web crawling; present data with React hosted on Google Cloud - *React, Python* - [WillSmithTE.com/NBA](http://WillSmithTE.com/NBA)
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## Technologies

- **Languages:** Kotlin, Java, Typescript, SQL, JavaScript & Python
- **Other:** React, Spring Boot, AngularJS, Docker, Kubernetes, RxJS, PostgreSQL, Git, Maven, Webpack, Node.js, HTML & CSS

## Languages

- **English:** Native speaker
- **French:** Upper-intermediate, professional working proficiency; B2 CEFR level
- **German:** Elementary, limited proficiency; A2 CEFR level