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

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

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

- **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

- **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

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, limited working proficiency; B2 CEFR level