Tait van Strien

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WORK EXPERIENCE

Rental Tracker   **May, 2023 - May, 2024**
Hardware Production Assistant   *Groningen*
- Assembled hidden tracking devices for rental cars/trailers preventing theft across the Netherlands and Germany.

Formal Land   **July, 2022 – Sept. 2022**
Summer Intern   *Remote*
- Contributed to formal verification efforts by translating OCaml code to Coq, focusing on verifying data structures and blockchain encodings for Tezos. Successfully verified a core algorithm (map) and published a blog post on the process.
- *"Tait van Strien did very good work as an intern, quickly learning complex technologies such as the OCaml language and the formal verification system Coq. He applied it to formally verify a whole algorithm (an optimized implementation of `map`) and published a blog post about it, illustrating good communication skills."* - **Guillaume Claret, Founder Formal Land**

Ash Park Capital   **Aug. 2019 – Sept. 2019**
Summer intern   *London, UK*
- Compiling and analyzing data on tobacco and energy drink consumption trends for the staples fund.
- Used Python (pandas) and Excel to compile and analyze data for use in investor overview reports.

EDUCATION

Rijksuniversiteit Groningen   **July, 2025**
BSc Computer Science   *Groningen, NL*
- Thesis Grade of 8.1: 'A prediction model for LOD reduction subject to eccentricity and lighting'.
  - o Developed a web-based system using React, Express.js, and WebGL to render and evaluate 3D models under varying lighting conditions.
  - o Applied machine learning techniques (logistic regression) to analyze user feedback and improve model prediction accuracy."
- Member of GZS MAYDAY sailing association.
- Contributed to and Organized multiple DND campaigns.

St. Johns School Leatherhead, United Kingdom   **July, 2019**
- A level: Mathematics A*, Further Mathematics A, Computing Science A*, Physics B.   *Leatherhead, UK*
- Developed a predictive text model in VB.net inspired by early AI models.
- GCSE: 11 subject: 7 A*/9, 2 A, 2 B.

PERSONAL PROJECTS

Website (taitvanstrien.nl)
- Built and iterated on a personal blog website across four versions, exploring different tech stacks such as ASP.net, Rust with HTML5 & CSS3, and React before settling on Next.js for its filesystem-based routing and server-side rendering features.

SKILLS

Languages: Proficient in Python, C/C++; Familiar with JS/TS, Java, Rust, C#, Coq and VB.net.

Frameworks: Pandas, Scrapy, React/Next.js, Express.js/Node.js, Tokio.

Technical skills: Git, Docker, Nix, Linux shell

Sailing: RYA day skipper, 4 RONA Scott awards.

Teaching: Taught and planned an introduction to computing science class for students aged 11-13.

Leadership: CPO and Head of Section, Royal Navy cadets, managed 13 junior officers and directly taught 20 cadets.

ADDITIONAL INFORMATION

Triple citizen of South Africa, Netherlands and the United Kingdom.