

PRATYUSH RAVISHANKAR

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EDUCATION

University of Warwick

Sep 2018 - Jul 2021

- BSc Computer Science
 - 2nd Year: 75%
 - 1st Year: 68%
- Deutsche Bank Campus Project 2020 - Best Product Winners
 - Built a system to monitor trade data and identify fat-finger errors using decision trees.

Queen Elizabeth Grammar School, Wakefield

Sep 2011 - Jul 2018

- 2A* 2As at A Level, achieved in Mathematics, Further Mathematics, Chemistry and Physics
- 9A*s at GCSE

EXPERIENCE

Full Stack Developer Intern, NETSCOUT, Ipswich

Jul 2019 - Sep 2019

- Developed a **MERN** full-stack web-application for an in-house language tool
- End product - solely created the minimum viable product, whilst self-teaching the stack
- Additionally, wrote **Python** scripts to collect and analyse lab data using **NumPy**
- Demoed code regularly to both technical and non-technical colleagues

SKILLS

Proficient Java, Python, SQL, Javascript (React.js)

Others C, MongoDB, ReasonML, Haskell, Go, Express.js, Node.js

PROJECTS

- **Word2Vec** (research.warwickdatascience.com/word2vec/) : Wrote a research article on Word2Vec , explaining the NLP model and providing novel analogy examples
- **User identification via web-session tracking**: currently learning ML via mlcourse.ai, and applying knowledge to identify users from web-tracking history
- **PLM parser**: built a parser, lexer and evaluator in **JavaCC** for the language "PLM" using abstract syntax trees
- **Network intrusion detection sytem** : Written in **C** to analyse packets and detect malicious attacks. Dealt with ARP Cache Poisoning, SYN flood attacks and Blacklisted URLs.

(refer to [personal website](https://pratyushravishankar.netlify.app))

INTERESTS

- Warwick Data Science Society Researcher, School's Polymath Society
- Powerlifting - Warwick Barbell, Tennis