

# Bruno Ra'an Davies

Second Year Computer Science Undergraduate - University of York

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## Personal Profile

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A motivated individual who enjoys tackling challenges head-on and working through them through collaboration and teamwork. He has gained invaluable knowledge and experiences through past work and education that he wants to further grow, develop, and implement. Bringing a positive mindset and a strong want for learning he is always working his hardest.

## Education

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- **University of York** - Bachelor of Engineering - September 2018 - Present

Year One - **2:1** classification

- Foundation in Electronics
- Signals and Circuits and Programming of Microcontrollers
- Theory and Practical of Programming
- Numerical Analysis
- Human Aspects of Computer Science
- Introduction to Computer Architecture
- Mathematical Foundations of Computer Science

Year Two - **1st** classification in Distinction range.

- Principles of Programming Languages
- Computability & Complexity
- Vision & Graphics
- Software Engineering Project
- Implementation of Programming Languages
- Systems
- Artificial Intelligence

- **American School of Doha** - September 2010 – June 2017

- Advanced Placement (scores out of 5)
- AP Physics – 5, AP World History – 4, AP Physics 2 – 4, AP Computer Science – 4
- Outstanding Academic Achievement Award: AP Computer Science

## Work Experience

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- **University of York, Department of Information Internship** - June 2019 - July- HTML / CSS / JavaScript

- Delivering a website that looks modern and is feature-full while also maintainable.
- Gained experience working within a professional team delivering projects.
- Effectively communicate with team members on goals for the project in the long term, short term, and the daily.
- Quickly pick up and learn the necessary skills and tools within a time restrictive environment.

- **The Hoxton Hotel, Amsterdam** - Barback - July 2018 - August

- Handling large vital responsibilities while simultaneously providing kind and professional service.
- Experience of working in a company with strong values that every employee has a responsibility to uphold.

## Technical Skills and Projects

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- Languages:
  - Java
  - Python
  - Prolog
  - Scheme
  - Haskell
  - JavaScript
- Frameworks:
  - Bootstrap
  - Flutter
- Databases:
  - MySQL
- Development Methodologies:
  - Waterfall
  - Agile
- Operating Systems:
  - Linux
  - Windows
  - macOS
- **pyBru** - Personal - Python/HTML
  - A program that will help you create references in IEEE format that the University requires
  - Using Python to parse files, have user input and create HTML files to save the formatting
  - Formatting done in HTML since it provides a universal file type
- **Kroy** - University - Java
  - Project-based module to create a game based on client meetings and brief
  - Distributing work based on strengths to create an efficient team.
  - Team leader for the unit-testing group, ensuring the product is secure and bug-proof

## Hobbies, Experiences and Interests

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- **Microsoft Hackathon Qatar** - Developer - February 2017 - Java/Python/MySQL/JavaFX
  - Gained valuable experience in developing under time pressure.
  - Quick learning of skills needed for one part of the project; learning MySQL for stronger offline database management.
- **World National Robotics Olympiad** - Developer - September - December 2016 - (Python/RobotC)
  - Used agile development while working with colleagues, with little programming experience, to implement their ideas.
  - Gained valuable lessons on the importance of working as a team through each members strengths and weaknesses.
- **University of York Judo Club** - President - June 2017 - June 2020
  - Responsible for all aspects of the club, ensuring other committee members complete their duties and effectively communicate with members.
  - A committed member of the University of York Judo team from the 2017 to present
  - British University Championships 2019 - Bronze
- **Languages:** Dutch
  - Fluent in Dutch, particularly in speaking and listening.

## References

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- **University of York, Department of Information Internship**
  - Supervisor: Martin Philip
  - Job Title: Academic Liaison
  - Email: [martin.philip@york.ac.uk](mailto:martin.philip@york.ac.uk)
- **The Hoxton Amsterdam**
  - Supervisor: Jairo Louhanapessy
  - Job Title: Bar Supervisor
  - Email: [Jairo@lottis.com](mailto:Jairo@lottis.com)