

Junaid Brooks

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Port Elizabeth | Eastern Cape

EDUCATION

Nelson Mandela University

Port Elizabeth, Eastern Cape

BSc Hons Computer Science and Information Systems

Jan 2024 – Dec 2024

- **Advanced Computing Focus:** Completed an Honours degree in Computer Science with a focus on advanced computing concepts, including Evolutionary Computing, AI, and VR/AR technologies.
- **Programming and Algorithms:** Gained expertise in Functional Programming and Compiler Analysis, developing a deep understanding of programming paradigms and compiler design.
- **Data Management Skills:** Studied Data Warehousing, equipping myself with skills in managing large-scale data systems and understanding data architecture and analytics.

Nelson Mandela University

Port Elizabeth, Eastern Cape

BSc Computer Science and Information Systems

Jan 2021 – Dec 2023

- **Computer Science Expertise:** Earned a degree in Computer Science, focusing on core areas such as data structures, algorithms, and automata theory, building a strong foundation in problem-solving and computational thinking.
- **UI Design Skills:** Gained practical experience in UI design, developing an understanding of user-centered design principles and creating intuitive interfaces
- **Mathematical Proficiency:** Studied Applied Mathematics, including Partial Differential Equations (PDEs) and Finite Difference Methods (FDM), strengthening my analytical and quantitative problem-solving abilities.

PROFESSIONAL EXPERIENCE

RabbitStack

Port Elizabeth, Eastern Cape

Junior Developer

Jan 2025 – Present

- **Web Development:** Worked on crash fixes and minor upgrades for various ASP.NET projects, utilizing ABP framework for backend (C#) while enhancing front-end functionalities with HTML, CSS, and JavaScript.
- **Mobile App Development:** Contributed to updates and feature changes on Flutter-based projects, ensuring the apps function smoothly and meet user requirements.
- **Full-Stack Development:** Actively contributed to both front-end and back-end development across various projects, integrating user interfaces with C# backend services and enhancing functionality using HTML, CSS, JavaScript, and Flutter.

Quantify Your Future

Remote

Intern

Jan 2023 – Feb 2023

- Exposure to real-life work experience with FirstRand, Absa, and Nedbank
- Exposure to data: framing, exploration, interpretation, modelling, and visualization
- Development of core skills: critical thinking, creativity, collaboration & communication
- Team-based projects facilitated by FirstRand, Absa, and Nedbank

Nelson Mandela University

Port Elizabeth, Eastern Cape

Student Assistant

Jan 2022 – Nov 2024

- **Computer Science Support:** Assisted in multiple modules, including Programming Fundamentals, Data Structures and Algorithms, and Advanced Programming, by explaining coding concepts, marking assignments, and providing guidance during practical sessions.
- **MATLAB Instruction:** Supported interactive MATLAB lectures, helping students work through in-class tasks and ensuring they understood key concepts and applied them effectively.
- **Applied Mathematics Assistance:** Aided students in the Numerical Methods 1 module by providing hands-on support during practical sessions and assessing their assignment submissions, reinforcing technical knowledge.

LEADERSHIP EXPERIENCE

RosyOutlook

Project Manager

- As part of my undergraduate degree, I led a group project as the project manager, where I was responsible for maintaining the project schedule and ensuring timely completion of tasks.

SKILLS & PERSONAL

Languages: English (native), Afrikaans (fluent)

IT: Office Package (Word, Excel, PowerPoint, Access), Java, Python, C#, ASP.NET, HTML, CSS, JavaScript, Bootstrapping, Flutter, Dart

Interests: Baking (esp. trying new bakes), outdoor enthusiast (star gazing), reading (manga)