

# DENNIS HAMMERSCHLAG

## SOFTWARE ENGINEER

### EDUCATION

#### University of Cape Town

2020-2023

**Bachelor of Business Science specialised in Computer Science and Neural Networks.**

**Deans List for achieving distinction average**

Developers Society, Investment Society

Resident prefect house committee

#### St Charles High School

2015-2019

**Cambridge High School Curriculum**

Boarding & School prefect

### SKILLS

Java	Vue.js
Python	JavaScript
SQL	Agile Environment
Html & Css	Collaboration
Leadership	

### CONTACT

✉ dennishammerschlag01@gmail.com

🌐 <https://dennisdeneve.github.io/New-Portfolio/>

📍 Cape Town

### WORK EXPERIENCE

#### Software Engineer

**Soliditech**

September 2023 - Present

- Designed, developed, and tested web applications for various industries, including finance and retail, meeting and exceeding customer requirements.
- Collaborated with software development teams using Agile to develop applications, working with internal and external stakeholders, fostering clear communication and understanding of requirements.
- Utilize Hibernate to streamline and simplify interactions with relational and distributed databases in my Java applications by mapping Java objects to database tables and leveraging its ORM capabilities.
- Prioritised tasks assigned and time-boxed them accordingly, aligning the product vision with the business needs and market strategy even with the most ambiguous problems
- Critically utilised technologies such as Java, CVS, Git, SSH, MySQL, and various web technologies for optimised development.
- Reported to my team lead and manager to deliver excellent results on assigned tasks that upheld the company's reputation for quality solutions.
- Working at Soliditech demands both curiosity and a sense of urgency to stay abreast of the latest trends. My approach involves continually re-engineering solutions for optimal efficiency and scalability.

#### Computer Science Tutor

**University of Cape Town**

February 2022 - August 2023

- Taught concepts in Java, Python such as:
  - Data Structures, Object-Orientated Design, Problem Solving and complexity Analysis
- Led tutor sessions with other tutors to communicate the concepts efficiently to the students:
- Adapted to other students' learning styles whilst improving my empathy.
- I've helped students grasp key concepts in Python and Java, focusing on fundamentals like syntax and object-oriented programming.
- Designed lessons that delivered the theory in an organized and concise manner that allowed the students to digest the information properly
- Through practical exercises, code reviews, and real-world examples, I've aided students in enhancing their problem-solving skills and overall programming proficiency.

#### Data Intern

**QuantifyYourFuture**

January 2023 - February 2023

- Collaborated with a team on challenging case studies for prominent sponsors, including FNB, ABSA, FirstRand, and Nedbank.
- Critical thinking and technical skills such as mathematical, statistical, and machine learning techniques were utilised as we analyzed data to uncover correlations and patterns.
- Driven and determined to deliver data-driven predictions, providing banking clients with strategic decision-making capabilities and addressing real-world issues in the banking industry.

#### Additional information

- I am an abstract artist in acrylic oil paintings for over 5 years.
- I love fitness and staying healthy. A healthy body and a healthy mind are key to a happy and successful life!