15 Kenilworth Road, Kenilworth, Cape Town

alan.berman.92@gmail.com

### **EDUCATION**

#### University of Cape Town (UCT)

2017 – Present | M.Sc., Computer Science (CS) – Generative Adversarial Networks for Fine Art Generation

### **UCT**

2014 – 2016 | Bachelor of Science (Honours) [First Class], CS and Spanish, with distinction in Spanish and the degree with distinction

### University of California, Merced

2014 | Semester Study Abroad [3.7 GPA]

# **UCT**

2011 – 2013 | Bachelor of Arts, Philosophy and Business French, with distinction in Business French

# **UNIVERSITY ACHIEVEMENTS**

2017 – Present | CSIR-DST Inter-Programme Postgraduate Bursary

2016 | National Research Foundation Scarce Skills Honours Bursary

2016 | UCT Council Honours Merit Scholarship

2014 | UCT Science Faculty Scholarship

2013 | UCT Law Entrance Scholarship (declined)

2012 | UCT Humanities Faculty Scholarship

#### PROFESSIONAL EXPERIENCE

# CSC1015F LECTURER | UCT CS DEPARTMENT | 2018

- Lectured first half of the first-year, first semester CS course (CSC1015F)
- Fostered problem-solving skills through Python
- Assisted in the setting of theory tests and course material
- Graded final theory examinations

# CS TEACHING ASSISTANT | UCT CS DEPARTMENT | 2017

- Managed 30 tutors of first-year Computer Science students
- Co-ordinated grading of theory tests
- Assisted in the setting up of theory tests

# RUBY ON RAILS DEVELOPER (INTERN) | SIMPLEPAY | 2015

- Integrated new accounting software providers with SimplePay
- Implemented Amazon S3 direct file uploads and automatic notifications

# CS TUTOR | UCT CS DEPARTMENT | 2014, 2015

- Tutored first-year Computer Science students in Python programming
- Helped foster problem-solving skills and reviewed students' code and coding style

### **EXTRACURRICULAR ACTIVITIES**

2017 – 2018 | Centre for Artificial Intelligence Research internship mentor 2015 | Investec IT Explore Coding Challenge participant

### **SKILLS**

# Languages:

- Programming: Python, Java, C++, Ruby
- English (native fluency)
- Afrikaans (advanced fluency)
- Spanish (advanced fluency)
- French (working fluency)
- Portuguese (working fluency)