

# Alan Berman

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## SUMMARY

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Junior Software Engineer at Athium Limited. Experienced in TypeScript/JavaScript, PHP and Python and excited to work in a dynamic, fast-paced environment. M.Sc. Computer Science graduate.

## TECHNICAL SKILLS

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Programming Languages:	JAVASCRIPT/TYPESCRIPT, PYTHON, PHP, JAVA, RUBY, C++
Frameworks:	LARAVEL, ANGULAR, VUE.JS, DJANGO, FLASK, REACT, PANDAS, SCIKIT-LEARN, PYTORCH, SPRING, ELASTICSEARCH
Operating Systems:	UBUNTU LINUX, WINDOWS, MAC OS
Query and Markup Languages:	HTML, MYSQL
Tools:	GIT, DOCKER

## EDUCATION

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2017-2020 - M.Sc. COMPUTER SCIENCE, **University of Cape Town (UCT)**, South Africa

Thesis: *Generative Adversarial Networks for Fine Art Generation*

2016 - B.Sc. (Hons) COMPUTER SCIENCE *First Class*, **UCT**, South Africa

2014-2015 - B.Sc. COMPUTER SCIENCE and SPANISH, **UCT**, South Africa  
*with distinction in Spanish and the degree with distinction*

2011-2013 - B.A. PHILOSOPHY and BUSINESS FRENCH, **UCT**, South Africa  
*with distinction in Business French*

## WORK EXPERIENCE

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MARCH 2020-PRESENT - Junior Software Engineer at **ATHIUM LIMITED**

Development and maintenance of Laravel and Angular-based projects in the sports and government sectors.

JUL-NOV 2019 - Lecturer at **UNIVERSITY OF CAPE TOWN (UCT)**

Lectured the first of two *Advanced Software Design* modules of a senior Computer Science course. Assisted in the setting of theory tests and course material. Graded final theory examinations.

FEB-JUN 2018 - Lecturer at **UCT**

Lectured the first half of the introductory Computer Science course. Fostered problem-solving skills through Python. Assisted in the setting of theory tests and course material. Graded final theory examinations.

FEB-JUN 2017 - Teaching Assistant at **UCT**

Assisted the convenor of the introductory Computer Science course of 618 students, including the management of 45 tutors. Co-ordinated and ran tutor meetings, and assisted with administrative duties.

## SCHOLARSHIPS AND CERTIFICATES

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- 2017-2019 CSIR-DST Inter-Programme Postgraduate Bursary
- 2018 GRE: 322 (v:165 - 96<sup>th</sup> percentile)
- 2016 National Research Foundation Scarce Skills Honours Bursary
- 2016 UCT Council Honours Merit Scholarship
- 2014 UCT Science Faculty Scholarship
- 2014 Spanish IIIA Class Medal
- 2013 Spanish IIA, IIB Class Medal
- 2012 UCT Humanities Faculty Scholarship
- 2012 Spanish IA, IB Class Medal

## EXTRACURRICULAR ACTIVITIES

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

## LANGUAGES

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- ENGLISH: Native fluency
- AFRIKAANS: Advanced fluency
- PORTUGUESE: Advanced fluency
- SPANISH: Advanced fluency
- FRENCH: Working fluency