

Giovanni Alcantara

I am interested in **graduate job** opportunities after my graduation **May 2019**.

EMAIL me@giovannialcantara.com
WEBSITE www.giovannialcantara.com
PHONE +44 (0) 7471 859148
LINKEDIN [/in/giovannialcantara](https://www.linkedin.com/in/giovannialcantara)
GITHUB [/gvsi](https://github.com/gvsi)

EDUCATION	Electrical Engineering and Computer Science, M.Eng <i>University of California, Berkeley</i> Data Science and Systems track Aug 2018 - May 2019 (exp)
	Computer Science, B.Eng <i>The University of Edinburgh</i> Thesis: "Transfer Learning with GANs in Reinforcement Learning Tasks" Grade Average: A, equiv. US GPA 4.00 Sep 2014 - May 2018
	Computer Science, B.Sc. (exchange year abroad) <i>The University of Texas at Austin</i> Visiting Exchange Student, Turing Student Honors Track Major GPA: 3.93 Aug 2016 - May 2017
SKILLS	Proficient Python, Java, Hadoop, SQL, web development Tools Git, Jupyter, Agile methodologies, JIRA Prior Experience C++, Tensorflow, Apache Spark, Scala, Swift, Haskell, MATLAB, Javascript Languages NATIVE: Italian, English PROFICIENT: Spanish, Filipino, French
EXPERIENCE	Solutions Engineering Intern , Facebook - <i>London, United Kingdom</i> June 2018 - Sep 2018 <ul style="list-style-type: none">Joined the Solutions Engineering team.
	Software Engineering Intern , Salesforce - <i>San Francisco, CA</i> May 2017 - Sep 2017 <ul style="list-style-type: none">Built features at scale in the core CRM app using Java to connect thousands of customers' external systems and databases to the Salesforce Platform.Developed an OData 4.0 provider with queryable RESTful APIs. Designed the data pipeline and data structures to model delta changes of CRUD operations.Worked on features for pilot customers and iterated with agile methodologies.
	Lead Developer , Rapid Diligence - <i>Austin, TX</i> Dec 2016 - Sep 2017 <ul style="list-style-type: none">Led startup team of software developers to develop automated predictive tools for web businesses.Architected Java multi-tier web application generating real-time reports through endpoints in a microservice architecture.Participated in Capital Factory's startup incubation program.
	Student Developer , The University of Texas at Austin - <i>Austin, TX</i> Aug 2016 - May 2017 <ul style="list-style-type: none">Developed a PHP search engine indexing 1,000+ internal files facilitating staff processes.Designed and deployed student portal to manage profiles and bookings for 50,000 students.
	Founder , Ask - <i>Edinburgh, Scotland</i> Jul 2015 - Sep 2016 <ul style="list-style-type: none">Co-founded Ask, a collaborative web application providing students with academic support, and used by over 500 students in pilot.Raised investment of over £5,000 from the University of Edinburgh to continue development.

EXPERIENCE CONT. **Lead Student Developer**, The University of Edinburgh - *Edinburgh, Scotland* Jan 2016 - Jun 2016

- Led product team of one designer and one developer to develop the **Library Mapping project**, a web application to help 30,000 students and faculty locate books within the 12 University Libraries.
- Helped user successfully locate 3,000+ books in the two months after launching.
- Developed using Ruby on Rails, with visualisations in Fabric.js and Lea et.js.

PROJECTS **GoWalkers – Site**

- GoWalkers is a centralized platform aimed at organizing walks and outdoor activities for Italian cultural and environmental organizations.
- Developed with PHP, Javascript, and MySQL.

ClickBlock – Site, GitHub

- ClickBlock is a Chrome extension that detects and filters clickbait articles in users’ Facebook feeds.
- Worked on mining data, and training classification algorithms with logistic regression and NLP.

HackProphecy – GitHub

- HackProphecy is a tool that predicts using machine learning which hackathon project is the most likely to win.
- Worked on bulding the dataset, and training an SVM model which achieves ~94% accuracy.

BeaconCart – GitHub

- BeaconCart is an iOS app that uses Bluetooth beacons to provide a seamless payment system when shopping at retail stores.
- Worked on integrating Estimote beacons and building the shopping list with Swift.

AWARDS & RECOGNITION **Outstanding Student Health Leadership Award** 2017
 Winner of UT Austin Leadership Award in recognition of impactful work as a student developer.

HackUCI Hackathon Winner 2017
 Best Social Hack for the work done with ClickBlock.

3 Day Startup Austin 2016
 Mentuit selected as one of the most promising startups in the 2016 class.

The Edinburgh Award 2016
 Award for outstanding semester-time work experience at the University of Edinburgh.

Google Hash Code 2016 2016
 Ranked #273 in team qualifications to Google Hash Code 2016 with 17,000 participating students.

Braintree Award Hackathon Winner 2015
 Winner of the best project at the MLH Landing Hackathon for BeaconCart.

Liceo Kennedy Plaque of Merit 2014
 Recipient of high school’s Plaque of Merit awarded to top 1% graduating students.

TECHNICAL ARTICLES [1] **G. Alcantara**. Empirical analysis of non-linear activation functions for Deep Neural Networks in classification tasks *arXiv:1710.11272 pre-print*, 2017

[2] C. Dugue, **G. Alcantara**, J. Shalabi and S. Sah. Predicting the number of likes on Instagram, *Towards Data Science*, 2017