

Mateo Vargas

Education

- 2016–2017 **MSc.**, *University of Edinburgh*, Edinburgh, United Kingdom.
Computer Science
- 2010–2014 **B.S.**, *University of California, San Diego*, San Diego, California, USA.
Cognitive Science with an emphasis in Neuroscience and minor in Computer Science

Master's thesis

- title *Discrete SIR Game for Understanding Epidemics*
- supervisors Dr. Stephen Gilmore
- description This project consisted of creating a short, interactive game to aid students in learning the SIR model of epidemics. This game was developed utilizing the Unity Integrated Development Environment and all the scripting was written in C#. This project consisted of a development phase and an evaluation phase where the project was deployed to several testers. Working on this project helped grow and develop skills in many areas in addition to programming and game design, such as planning and time management.

Experience

Regular

- January 2018–Present **Software Developer**, *Sunny Ingredients*, San Diego, California.
remote Software Developer.
- Design and develop and dashboard application that displays sales data and analysis.
 - Understand and make adjustments to a code base delivered by several contractors.
- November 2015–July 2016 **Network Engineer**, *The Core Group*, Long Beach, California.
On-site and remote technician.
- Problem-solved and trouble-shot technical questions for clients both in person and via remote connections.
 - Interacted closely with clients to understand and convey their needs and concerns while on-site at a client office.
 - Deployed server designs in server rooms with unique space and power constraints.
 - Deployed and distributed new User Accounts and worked with clients to minimize office down time.
- April 2015–September 2015 **Research Assistant**, *University of California, San Diego*, Dept. of Cognitive Science, San Diego, California.
Researcher with the UCSD Brain and Early Experiences Laboratory.
- Administered, scored, and double scored cognitive tests.
 - Communicated with participants and relevant guardians about consent.
 - Managed and Scheduled appointments with participants.

March **Research Assistant**, *University of California, San Diego*, Dept. of Cognitive Science, San Diego, California.

2015 Researcher with the UCSD Center for Human Development.

- Administered, scored, and double scored cognitive tests.
- Communicated with participants and relevant guardians about consent.
- Managed and Scheduled appointments with participants.

Vocational

November **Intern**, *University of California, San Diego*, Department of Cognitive Science, Language and Cognition Laboratory.

2012– Laboratory Assistant

February 2014

Languages and Technologies

Java	Experienced	2012–Present
Python	Intermediate	2015–Present
C#	Intermediate	2016–Present
Javascript	Intermediate	2015–Present
C++	Intermediate	2014–Present
HTML/CSS	Intermediate	2014–Present
jQuery	Intermediate	2015–Present
Firebase	Intermediate	2015–Present
Ajax	Intermediate	2015–Present

Skills and Courses

Documentation	MS Office, Google Documents, LATEX, Sublime, Overleaf, Git	Application	Unity IDE, Eclipse IDE, Jupyter, Open-MPI, UNIX
Languages	English (Read, Speak, Write), Spanish (Read, Speak, Write)	Courses	The Coding Bootcamp at UCSD, Fall 2017

Links

Portfolio	mateovargas.github.io
Github	www.github.com/mateovargas
Itch.io	mateovargas.itch.io

References

Frank Luongo	The Core Group	+1 562 795-6726, francis@core-group.com
Dr. Stephen Gilmore	University of Edinburgh	+44 131 650 5189, Stephen.Gilmore@ed.ac.uk