

# Mateo Vargas

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## 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

- 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.

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🌐 [mateovargas.github.io](https://mateovargas.github.io) • **in** [mateo-vargas-03896189](https://www.linkedin.com/in/mateo-vargas-03896189) • 🌐 [mateovargas](https://www.instagram.com/mateovargas)

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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

|               |              |              |
|---------------|--------------|--------------|
| Java          | Experienced  | 2012–Present |
| Python        | Experienced  | 2015–Present |
| C#            | Experienced  | 2016–Present |
| C++           | Intermediate | 2014–Present |
| HTML/CSS      | Intermediate | 2014–Present |
| Ruby on Rails | Intermediate | 2015–Present |
| Javascript    | Intermediate | 2015–Present |

## Computer skills

|               |  |             |   |
|---------------|--|-------------|---|
| Documentation | MS Office, Google Documents, LATEX, Sublime, Overleaf, Git | Application | Unity IDE, Eclipse IDE, Jupyter, Open-MPI, UNIX |
|---------------|--|-------------|---|

## Interests

|             |   |
|-------------|---|
| Writing     | <a href="http://playwrite.com.au/dark-souls-and-life-lessons-from-lordran-and-beyond/">http://playwrite.com.au/dark-souls-and-life-lessons-from-lordran-and-beyond/</a>         |
| Gaming      | PSN: matnorris8, Steam: matnorris8  |
| Photography | <a href="http://kotaku.com/holyrood-abbey-edinburgh-scotland-by-mateo-vargas-j-1800671707">http://kotaku.com/holyrood-abbey-edinburgh-scotland-by-mateo-vargas-j-1800671707</a> |

## Links

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| Portfolio | <a href="http://mateovargas.github.io">mateovargas.github.io</a>           |
| Github    | <a href="http://www.github.com/mateovargas">www.github.com/mateovargas</a> |
| Itch.io   | <a href="http://mateovargas.itch.io">mateovargas.itch.io</a>               |

## References

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|---------------------|-------------------------|--|
| Frank Luongo        | The Core Group          | +1 562 795-6726, <a href="mailto:francis@core-group.com">francis@core-group.com</a>      |
| Dr. Stephen Gilmore | University of Edinburgh | +44 131 650 5189, <a href="mailto:Stephen.Gilmore@ed.ac.uk">Stephen.Gilmore@ed.ac.uk</a> |

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