

# Matheus Venturyne Xavier FERREIRA

## PERSONAL DATA

---

ADDRESS: 194 Nassau Street, Room 225, Princeton, NJ 08540  
PHONE: +1 (609) 933 5270  
EMAIL: [mvxf@cs.princeton.edu](mailto:mvxf@cs.princeton.edu)  
WEBPAGE: [www.cs.princeton.edu/~mvxf/](http://www.cs.princeton.edu/~mvxf/)

## EDUCATION

---

In Progress Doctor of Philosophy in COMPUTER SCIENCE, **Princeton University**  
PhD Advisor: S. Matthew Weinberg

JULY 2016 B.S. in COMPUTER ENGINEERING at **Universidade Federal de Itajuba**, Itabira, Brazil  
GPA: 92.8/100

JAN-DEC 2014 Non-degree visiting student, **University of California, San Diego**  
GPA: 3.92/4.00

## WORK EXPERIENCE

---

Jun-Sept 2014 | Broadcom Corporation at San Diego, California  
*Software Development Engineer Intern in Bluetooth/NFC Software Team*

## RESEARCH PAPERS

---

- **Proof-of-Stake Mining Games.** Matheus V. X. Ferreira, and S. Matthew Weinberg.
- **Credible, Truthful, and Bounded-Round Mechanisms via Cryptographic Commitments.** Matheus V. X. Ferreira, and S. Matthew Weinberg.
- **Selling a Single Item with Negative Externalities.** Tithi Chattopadhyay, Matheus V. X. Ferreira, S. Nick Feamster, Danny Yuxing Huang, and Matthew Weinberg. In The World Wide Web Conference (WWW), 2019.

## HONORS AND AWARDS

---

Nov. 2019	<a href="#">2020 Computer Research Association-WP Grad Cohort for URMD</a>
JUNE. 2019	<a href="#">AGT Mentoring Workshop</a> Grant, ACM
SEPT 2016 - JUNE 2021	Dean's Grant, Princeton University
SEPT. 2016	First Year Fellowship, Princeton University
JULY 2016	Academic Accolade for best student, Universidade Federal de Itajuba
DEC. 2014	<a href="#">George Varghese Espresso Prize</a> , University of California, San Diego
JAN-DEC 2014	<a href="#">Brazil Scientific Mobility Program</a> , fully-funded scholarship recipient University of California, San Diego
SEPT 2013	Fapemig Research Scholarship, LOTMine, UFMG, Brazil
SEPT 2013	1 <sup>st</sup> Line Follower Robot Competition, Unifei, Brazil
FEB 2012	Fapemig Research Scholarship, Unifei, Brazil

## TEACHING EXPERIENCE

---

### Princeton University – Teaching Assistant

Spring 2020	Junior Independent Work (COS 398)
Spring 2018	Economics and Computation (COS 445)
Fall 2017	Computation Geometry (COS 451)

### Universidade Federal de Itajuba – Teaching Assistant

2015	Computer Security
2013	Objected-Oriented Programming (ECO 30)

## SOFTWARE

---

Jun 2014	UNIVERSITY OF CALIFORNIA, SAN DIEGO <a href="#">Vein – Rivers of Blood</a> Class Project Supervised by Geoff Voelker <ul style="list-style-type: none"><li>Developed a distributed, real-time, 3D, multiplayer survival race game of microorganisms in the human body using C++ and DirectX11.</li></ul>
----------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## SERVICE

---

### Journal Reviewer

- Games and Economic Behavior (2019 to Present).

### Invited External Reviewing

- Innovations of Theoretical Computer Science (ITCS) 2019, 2020.
- Conference on Web and Internet Economics (WINE) 2018, 2019.

## DIVERSITY, INCLUSION & OUTREACH

---

- Peer Mentor, [Graduate Scholars Program](#), Princeton University, 2019.
- Peer Educator, [LGBTQIA Peer Ed Program](#), Princeton University, 2019.
- Mentor, [Princeton Summer Programming Experience](#), Princeton University, 2017
- Mentor, [Princeton Women in Computer Science](#), Princeton University, 2016

## LANGUAGES

---

PORTUGUESE:	Mothertongue
ENGLISH:	Fluent

## COMPUTER SKILLS

---

Programming:	C/C++, Python, Java, Matlab, OpenGL, SQL, JavaScript
Others:	LINUX, Windows, Bash, GDB, Git, $\LaTeX$