

Pedro Gomez

Computer Science Tutor and Student

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Education

Florida State University – Tallahassee, FL

Master of Science in Computer Science

Bachelor of Science in Computer Science

GPA: 3.83, Minor: Mathematics

Expected December 2022

Expected December 2021

Harris Corporation Scholars Endowment

3 total yearly recipients

Bright Futures Florida Academic Scholarship

Minimum GPA: 3.5

Technical Skills

Programming Languages: C++, Python, JavaScript, HTML/CSS

Domains: Full Stack Web Development, UNIX System Administration, Web Automation, API Design, TDD

Technologies: Selenium, Docker, MySQL/MariaDB, Jinja2, Flask

Experience

Academic Center for Excellence (ACE) Learning Studio

October 2019 - Present

Computer Science and Math Tutor

- Provide detailed, deconstructed explanations of fundamental computer science concepts
- Lead weekly group tutoring sessions with 10+ average attendees
- Answer questions in comprehensive, efficient, friendly manner
- Teach foundational ideas: object oriented programming, data structures, algorithms, testing
- Leverage visual aids and hands-on examples to clearly communicate information

Online Association for Computing Machinery Club (OACMC)

June 2020 - Present

Tallahassee Ambassador

- Face-to-face meetings with University officials as representative of organization
- Produce and facilitate propagation of promotional material: flyers, videos, merchandise
- End-to-end supervision of member acquisition
- Manage social media and public relations on behalf of organization

HackFSU 2019

Built working web-scraping solution under strict time constraint

Projects

CrossBot – SaaS Amazon Business add-on

- Used by small company of 6+ employees
- Selenium core for core processing, Flask for hosting, Jinja2 for rendering
- Automated builds and deployment of Docker containers

duedate – Command line productivity tool

- Command line utility that aggregates, filters, and displays upcoming due dates
- Prototyped in Python for agility, full port to C++ for performance
- Intelligently processes and interprets tabular data