

# PABLO SOLANO

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## EDUCATION

### WILLIAM & MARY

BS IN COMPUTER SCIENCE

MINOR IN DATA SCIENCE

May 2022 | Williamsburg, VA  
Phi Beta Kappa; Dean's List

## LINKS

Website:// [pablo.codes](http://pablo.codes)  
GitHub:// [pasolano](https://github.com/pasolano)  
LinkedIn:// [pabloadriansolano](https://www.linkedin.com/in/pabloadriansolano)

## REFERENCES

### ACADEMIC ADVISOR

Dan Cristol | [dacris@wm.edu](mailto:dacris@wm.edu)

### SUPERVISOR

Graham.Henshaw@mason.wm.edu

## COURSEWORK

Game Design  
Computer Graphics  
Computer Animation  
Software Engineering  
Network Systems and Design  
Algorithms  
Software Development  
Applied Machine Learning  
Data Structures  
Databases  
Principles of Programming Languages  
Computer Organization  
Finite Automata  
Applied Cybersecurity  
Computer & Network Security  
Mobile Application Security  
Web Development in Action  
Introduction to GIS  
Competitive Programming  
Various Music and Theatre

## SKILLS

### PROGRAMMING

Proficient:

C++ • Godot & GDScript • Python • C#  
Unity • JavaScript • Java •  $\text{\LaTeX}$

Experienced:

C • SQL • Dart • Android • Bash • HTML  
CSS • Assembly

### BILINGUAL/BILITERATE

Spanish/English

## EXPERIENCE

### GLOBAL FUND TO END MODERN SLAVERY | PAID INTERN

Spring - Fall 2021 | Remote

- Lead developer for an educational game on the problem of human trafficking
- Made using Godot game engine and GDScript

### MILLER ENTREPRENEURSHIP CENTER | FELLOW

Summer 2020 - Fall 2021 | Williamsburg, VA

- In charge of implementing center's technology; coordinated center operations to increase efficiency through automation; developed page to track demographics and engagement; coordinated with fellows to improve pre-existing codebase; managed two program coordinators; designed and executed transfer of Center tools to the Microsoft Power Platform; made a new app for center members using PowerApps; requires flexibility and on-call work
- Used Microsoft Power Platform, JavaScript, ReactJS, NextJS, Git, MongoDB, Google App Script, WordPress, ngrok, NodeJS, Typeform

### NSF REU SITE: HUMANS MOVE | PAID INTERN

Summer 2021 | Remote through University of Wyoming

- Designed experiment for finding which variables in a VR environment have the greatest effect on throwing accuracy and precision
- Made Unity environment for Oculus Quest 2 that can be interfaced with using ADB

### REACH | PAID INTERN

Summer 2020 | Remote through Virginia Commonwealth University

- Prof. Yaorong Ge mentored project involving computer science and cardiovascular health
- Created VisualCVD, a web app made using AngularJS to help doctors visualize new patient data against a network of health information

## PROJECTS

### COVID CHAMPION | STUDENT TEAM LEADER

Game Design | Williamsburg, VA

- Lead team of four developers to create a tower defense game using the extreme programming (XP) agile development framework
- Used C++ and SFML to make game without an engine

### PONG | STUDENT DEVELOPER

Game Design | Williamsburg, VA

- Recreated the game pong from scratch, with retro aesthetics and bonus features such as added obstacles
- Used C++ and SFML to make game without an engine

## AWARDS

RamHacks 2021 (*3<sup>rd</sup> Place Overall*)

VTHacks 7 (*Best Financial Hack & Best Use of MicroStrategy Embedded Analytics*)

Stamps 1693 Scholar (*W&M's highest honor, page*)

William & Mary Scholar

James Monroe Scholar

Carl A. Fehr Award

Rocket Pitch 2021 (*1<sup>st</sup> Place Overall*)

CA State Seal of Biliteracy

Finalist National Hispanic Heritage Foundation (*Youth Award in Media & Entertainment*)

## ACTIVITIES

ACM Chair (*2021*), Technical Interview Prep Chair (*Fall 2020*)

ACM Richard Tapia Celebration of Diversity in Computing (*attended 2019, 2021*)

The William & Mary Choir (*Webmaster, 2019-2020*)

The Idlewoods (*Co-Founder, Barbershop, 2018-2019*)

Hickory Neck Episcopal Church Octet (*Paid Singer, Spring 2020 - Fall 2021*)