

Derek Pastor

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SUMMARY

Sharing computer programming skills to developers and acting as a mentor is what makes me passionate about the Computer Science field. I aim to share my knowledge and love for technology to others through Lewhacks, S6, and Virtual Enterprise

ATHLETICS

Fencing

3 years member • 1 year Team Captain

ACHIEVEMENTS

Robotics

2nd Place Robotic Performance • 3rd Place Inspire • 3 time winner of Think Award

Academics

GPA: 3.9 • Arista

Virtual Enterprise

Venture Challenge Finalist 2018 • Top 10% National Elevator Pitch Contest Winner • Second Place Business Plan Competition Queens West Division 2018

SKILLS

Languages:

Java • C++ • JavaScript • C#
• HTML • CSS • PHP • SQL •
Typescript

FrameWorks:

JQuery • Bootstrap • Electron
• Node JS • Angular5

Skillsets:

Android Development • Web
Development • PhoneGap • Google
Cloud Platform • OpenCV
• Firebase • Git • Xcode
• Tensorflow • Back-End Development

CONNECT

Github:// [Dr-D12345](#)
Twitter:// [@DerekJonPastor](#)
LinkedIn:// [Derek-Pastor](#)

PROGRAMMING

AXEL | AR AND OPENCV APPLICATION

Under Development

- A vehicle maintenance application for do-it-yourself car owners
- Uses Google ARCore to capture 3d environments and render 3d objects
- Utilizes tensorflow image classifiers to develop real-time image recognition using a Single Shot MultiBox Detector

ZEEL | FULL-STACK DEVELOPER INTERN

Summer 2018

- Used Typescript, Angular5 to develop PWAs to increase workplace flow
- Required to communicate interdependently and with clients to solve problems and propose algorithms to fix them
- Designed architecture, developed documentation and used Google Cloud Platform in a professional setting.

ROBOTICS | PROGRAMMING CAPTAIN

September 2008 – Present | First Tech Challenge

- Worked in a First Tech Challenge team to help create and program a robot to accomplish tasks
- Used the computer vision library OpenCV and Java to improve robot performance

LEADERSHIP AND SERVICE

VIRTUAL ENTERPRISE | CHIEF EXECUTIVE OFFICER

Sept 2016 – Present | Francis Lewis High School

- Administrate 31 students across various departments in order to successfully simulate a professional business environment
- Taught and mentored a group of 11 programmers to develop apps for both IOs and Android and published apps V+ and Cryptopedia
- Outreached to sponsors and mentors to help educate students including achieving a CompTIA A+ certification

LEWHACKS() | EXECUTIVE DIRECTOR

Mar 2017 | Francis Lewis High School

- Organized a New York City wide hackathon with over 100 participants
- Responsible for coordinating with administration and sponsors
- Taught a workshop on Android development and coordinated workshop with industry professionals

JROTC | CAPTAIN

S6 Technology and Communication

- Helped organize and lead 12 cadets in IT services throughout the school
- Responsible for sound production and PC system imaging for school wide computers
- Increasing improving system imaging within Windows 7, Vista, 10, MacOS Sierra and Ubuntu Linux

GREATER RIDGEWOOD | SUMMER CAMP COUNSELOR

Summers of 2015, 2016, 2017

- Supervise and Monitor over 20 1st graders
- Responsible for bring children on field trips and various educational activities