

CHRISTIAN GUERRERO

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EDUCATION

Harvey Mudd College - Claremont, CA

B.S. Computer Science/Engineering - May 2016

- Chicano Latino Alumni Association Book Award
- Dean's List

Relevant Coursework

Public Speaking • Management of Technical Enterprise • Ethical Issues in Science & Engineering • Multivariable Calculus • Differential Equations/Linear Algebra II • Fourier Series & Boundary Value Problems • Intro to Computer Science • Principles of Computer Science • Robotics Lab • Autonomous Robotics Navigation • SDLC

SKILLS

Programming Languages: C++, Python, SQL, C#/.NET, MATLAB, LabVIEW, Java, HTML5, CSS, XML

Software & Tools: TFS, JIRA, Visual Studio, SharePoint, SQL Server Management Studio, Command Line, GIT, Virtual Box, Linux, Windows, Mac, Eclipse, Igor Pro, LaTeX, Microsoft Office, WinMerge, Duck Creek

Exposure to: ASP.NET MVC, JavaScript, Windows IIS, Entity, React **Other:** Bilingual (Spanish)

EXPERIENCE

Software Test Engineer – Accenture – Nashville, TN

January 2017 – Present

- Placed 2nd in training group and achieved Mastery Level in the Duck Creek (an insurance policy software suite) software boot-camp assessment
- Plan and construct User Story test cases and execute test scripts for the Geico Duck Creek Billing Team
- Reduced time for environment setup for future Geico resources by 85%
- Automated weekly process that involved manually executing updated SQL scripts
- Ensure test results are easily accessible and understandable
- Track defects to closure, keep defect repository up-to-date, raise bugs in TFS
- Held Knowledge Transfer (KT) sessions to onboard new Geico resources
- Recognized by peers for helping Nashville resources assigned to other client projects
- Partake in daily and weekly scrum meetings with Team Leads and Project Managers
- Responsible for content development using the Duck Creek Author software
- Debugged CBOs written in C#; Solved math problems in C# from Project Euler during free time

Sub-Contractor Assistant

Summer 2015, May 2016 – Dec 2016

- Gained experience in home remodeling in areas of electricity, plumbing, framing, ceramic tile, among others

Software Engineering Intern – The Aerospace Corporation – Claremont, CA *September 2015 – May 2016*

- Helped enhance the graphical features of the Satellite Orbit Analysis Program (SOAP) by using C++, Visual Studio, qt, and Git for version control
- Contributed to the Statement of Work (SOW) presented to company liaisons
- Implemented realistic smoke into a standalone qt application as one of the final deliverables
- Partook in weekly teleconferences with the company liaisons
- Presented results to high-level managers and liaisons at The Aerospace Corporation and to students and faculty

Autonomous Robotics Navigation and Robotics Lab

Spring 2014, 2015

- Implemented odometry localization, point-tracking, particle filter localization, and image-processing on a Dr. Jaguar Lite robot using C and placed 1st in a team competition
- Programmed an AR Drone 2.0 to be controlled with hand gestures using Python, ROS, and a Leap Motion
- Implemented line-tracking, laser-based navigation, and image-processing with Kinect Camera and Rumba robot

RESEARCH

Aerospace Engineering Research Assistant - University of Illinois at Urbana Champaign

Summer 2014

- Debugged, tested, and further optimized GSAD, an Algorithmic Differentiation C++ library

Physics Research Assistant - Pomona College

Summer 2013

- Assisted in the construction, optical alignment, and maintenance of a low-cost Adaptive Optics (AO) system
- Developed Python scripts that updated users on the system's status