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 • Multivariable Calculus • Differential Equations/Linear Algebra II • Fourier Series & Boundary Value Problems • Probability and Statistics • Intro to Computer Science • Principles of Computer Science • Robotics Lab • Autonomous Robotics Navigation • Machine Learning

SKILLS
Primary: C#/.NET, C++, Python, MATLAB   **Secondary:** SQL, AnglarJS, LabVIEW, Java, HTML, XML
Software Tools: Visual Studio, SSMS, Command Line, Virtual Box, Jenkins, Igor Pro, LaTeX, Microsoft Office
Methodology & Tools: Scrum/Agile, Version One, JIRA, SharePoint, Collaborator   **OS:** Windows, Mac, Linux
Version Control: Perforce, Git, TFS   **Exposure to:** ASP.NET MVC   **Other:** Bilingual (Spanish)

EXPERIENCE
Software Engineer – Video Gaming Technologies (VGT) – Nashville, TN   *October 2017 – **Present***
• Member of Server Development team
• Help maintain and introduce new features to the Application Management Console (AMC)
• Partake in unit testing and code reviews

Software Test Engineer – Accenture – Nashville, TN   *January 2017 – October 2017*
• Placed 2nd in training group and achieved Mastery Level in the Duck Creek (an insurance policy software suite) software boot-camp assessment
• Planned and constructed User Story test cases and executed test scripts for client's Duck Creek Billing team
• Proactively helped reduce time for environment setup for future client resources by 85%
• Automated weekly process that involved manually executing updated SQL scripts
• Ensured test results were easily accessible and understandable
• Tracked defects to closure, kept defect repository up-to-date, raised bugs in TFS
• Held Knowledge Transfer (KT) sessions to onboard new client resources
• Recognized by peers for helping Nashville resources assigned to other client projects
• Solved math problems in C# from the Project Euler site 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 Orbital Analysis Program (SOAP) by using C++
• Contributed to the Statement of Work (SOW) approved by 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 user on the system's status