CHRISTIAN GUERRERO

christian.guerrero.cs@gmail.com • 615-775-7215 • christian-guerrero.com

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, construct, and execute test scripts for the Geico Duck Creek Billing Team
• Apply functional knowledge, including testing standards, guidelines, and testing methodology to meet the team's overall test objectives
• 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 and keep defect repository up-to-date
• Held Knowledge Transfer (KT) sessions to onboard new Geico resources
• Recognized by peers for helping other 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
• Solve math problems in C# from the Project Euler site during down time at work

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