Software Developer Software Developer Arlington, VA Work Experience Software Developer Wemed Service Inc. - Arlington, VA September 2017 to Present Maintaining PLIMS, a .NET based request management system at the AbilityOne Commission. * Code development using Microsoft Visual Studio * Maintaining data with Microsoft SQL Server Management Studio ? Maintaining the website written in HTML for AbilityOne ? Managing users in a hybrid environment with Microsoft Office 365 and Windows Active directory Research Assistant George Washington University May 2015 to June 2017 Researching algorithms to correct interpenetration errors in multi-rigid-body simulations ? Implemented the V-Clip Algorithm for contact determination in C++ Research Assistant George Washington University November 2014 to December 2014 Investigated the properties of two augmented reality (AR) tag tracking libraries on ROS toward door pose tracking with robots in C# Education Master of Science in Computer Science in Design & Analysis of Algorithms George Washington University May 2017 Bachelor of Science in Computer Science in Computer Science George Washington University May 2016 Skills Microsoft visual studio (2 years), C# (2 years), English, Android (Less than 1 year), MYSQL (2 years), Git (6 years), Japanese, Chinese Links https://github.com/yicheng0922 Publications Determining Contact Data for Rigid Body Dynamics with Convex Polyhedral Geometries http://positronicslab.github.io/assets/pdfs/CD16.pdf 2016-12 Published at IEEE SIMPAR (International Conference on Simulation, Modeling, and Programming for Autonomous Robots)

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