Jackson Dean

Email: Jackson.makes.a.game@gmail.com

LinkedIn: https://www.linkedin.com/in/jackson-dean-75b665140

OBJECTIVE   To use my skills and experience with computer technology to create meaningful and lasting social change.

PROFESSIONAL EXPERIENCE

Full Stack Developer

- Created a debugger for flight simulation and emulation software using C++
- Utilized JavaScript, HTML5, XML, and CSS3 to create a web GUI for testing flight simulation software
- Developed an HTTP interface between flight simulation layer and GUI layer using Python2
- Built a GUI for flight hardware emulator to replace physical server front panel
- Created machine learning programs for course work using Tensorflow and Python3
- Utilized C# and Unity3D to create multiple videogames for PC and Android including design, code, graphics, music, and sound effects
- Designed and developed apps for Android in Java
- Performed code reviews with colleagues and management
- Utilized Git for code collaboration

Leadership

- Worked closely with senior management as part of an Agile team
- Participated in scrum and planning meetings
- Created project "stories"
- Met development deadlines
- Presented development projects to executives
- Mentored software engineering intern
- Approved to work remotely
- Researched and solved problems independently
- Mentored incoming first-year students as an Orientation Leader

WORK HISTORY

- Lockheed Martin Space Systems Company summer 2014, 2015, 2016, 2017, and 2018
- Intern at United States Bureau of Reclamation fall 2013

VOLUNTEER EXPERIENCE

- Lead Macalester Students Against Income Inequality
- Coordinated nurses' union demonstration on campus
- Supported Spanish-speakers in Living Wage protests and strikes
- Canvassed for Democratic candidates 2008, 2012, 2016

EDUCATION

- Graduated from Macalester College in St. Paul, MN in May 2019
- Psychology major
- Spanish and Computer Science minors
- Studied abroad in Granada, Spain in spring 2018
- Fluent in Spanish, English, and Python
- Cumulative GPA: 3.64