Jackson Dean

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OBJECTIVE   To use my skills and experience with computer technology to inspire and entertain.

PROFESSIONAL EXPERIENCE

Full Stack Developer

- Developed an open-source game engine
- Designed and developed mobile games in Unity
- Created a debugger for flight simulation and emulation software using C++
- Developed and tested a web GUI for testing flight simulation software
- Performed code reviews with colleagues and management
- Utilized Git for code collaboration
- Used scrum and agile methodologies

Leadership

- Founded video game development studio, Downbeat Interactive LLC
- Managed business registration, legal documentation, and finances
- Negotiated mobile game publishing contract
- Met development deadlines
- Presented development projects to executives
- Mentored software engineering intern
- Researched and solved problems independently
- Mentored incoming first-year students as an Orientation Leader

Nonprofit Administration

- Helped plan and execute the most successful dues drive in organization's 30-year history
- Stepped up to a leadership role when supervisor took a leave of absence
- Wrote successful grants valued up to $55,000
- Used technical computer knowledge to improve organization systems for email and document management leading to a significant improvement in efficiency
- Recruited and interviewed candidates for job opening
- Implemented new donor and member database in Little Green Light

WORK HISTORY

- Founder, Downbeat Interactive LLC: fall 2020 - present
- Americorps VISTA at Vermont Affordable Housing Coalition: fall 2019 - present
- Intern at 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

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
  - Cumulative GPA: 3.64

SKILLS

- Advanced proficiency in Unity development
- Fluent in Spanish
- Advanced proficiency in C++, Python, C#, Java, HTML, JavaScript
- Intermediate proficiency in web design
- Completed courses at the 2019 Portland NeighborWorks Training Institute in Strategic Planning, Community Outreach, and Analytical Tools for Community Economic Development
- Intermediate proficiency in graphic design and marketing