

Steven Jordan Kozmary

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Work Experience

RAVEN SOFTWARE

Software Engineer

November 2021 - Current

- **Maintained mission-critical tooling** used by every developer
- Developed **automated troubleshooting** features, in addition to **libraries of troubleshooting scripts**
- **Minimized user downtime** by rapidly fixing or triaging blocking issues
- **Proactively monitored CI** tools to keep build breaks from impacting other developers

HAREBRAINED SCHEMES

Software Development Engineer in Test

November 2020 - October 2021

- Developed and maintained test automation **infrastructure for multiple game teams**
- **Lead adoption of automated testing** into continuous integration pipeline
- **Created tools to speed iteration** on procedurally generated content
- **Mentored junior teammates** in writing test code and best practices for working in a collaborative environment

CENTENNIAL BIODEVELOPMENT

Founder/Chief Chemist

October 2018 - June 2020

- Designed laboratory space and processes for processing Hemp biomass into CBD isolate
- Managed laboratory construction and equipment acquisition

SUN TRADING LLC

Developer Intern

June 2017 – August 2017

- **Developed Python library** for interacting with host configuration database
- **Mitigated downtime** by creating dashboard to monitor system health
- Audited quality of captured market data by writing **automated consistency checks**
- **Improved quality of existing C++ parsers** to give traders new options for analysis

MICROSOFT (Contracted via HCL America)

Mac Developer/Senior Consultant

September 2015 – March 2016

- **Refactored existing UI** for Right-To-Left language internationalization (Arabic and Hebrew) for Licensing and Subscription portion of the Office for Mac Suite (Word, Excel, PowerPoint, OneNote, and Outlook)
- Interviewed and **hired 8-member vendor development team**
- **Developed new automated test coverage** for First Run Experience, setting configuration before tests and cleaning machine state after tests

Continued

MICROSOFT (Contracted via HCL America)

iOS Developer/Senior Consultant

August 2014 – June 2015

- **Developed internal tools** (valued at \$200,000) to aid the development of new features using the Mac and iOS system keychains
- **Eliminated automation coverage debt** by leading development of automated test cases for new features in Office for iOS and Mac
- Improved reliability of existing automated test suite to >95% pass rate
- **Implemented low-level performance test automation** for measuring the performance of internal APIs for authorization features
- Created automated test suite to check data integrity for cloud-based documents
- **Improved test reliability** for external teams by replacing UI testing with code-level tests
- Created dashboard to inform team of OneDrive service outages

LUX LABORATORIES

iOS Developer/Data Analyst

January 2013 – August 2014

- **Developed HIPAA-compliant iOS applications** to administer psychological evaluations, currently in enterprise deployment
- **Database analysis and reporting** using Crystal Reports, SQL, Microsoft Access, and Excel, increasing revenue from routine medical procedures

Additional Projects

ROYAL GAME OF UR

Two player historical board game written in Unity

- Play against local opponent or AI
- Customizable player pieces with historical context presented
- Pick from one of several speculative rulesets

COLLABORATIVE HOST FOR ONLINE REAL-TIME DEVELOPMENT

Multi-user online development environment to study collaboration between students

- Allows two remote users to see each other write, compile, and execute code
- Matchmaking functionality implemented with NoSQL database

AUCTION HOUSE BROWSER

Browse live World of Warcraft auction data on your iPad!

Education

UNIVERSITY OF CHICAGO

September 2016 – June 2018

- Masters Program in Computer Science - High Performance Computing Specialization
- 3.78 Cumulative GPA

UNIVERSITY OF CHICAGO

September 2008 – June 2012

- Bachelor of Science in Chemistry
- Significant coursework in computational computing.
- University of Chicago Merit Scholarship, National Merit Scholarship, Dean's List