Steven J. Kozmary

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EXPERIENCE

2021-Present **ACTIVISION-BLIZZARD (RAVEN SOFTWARE)**   Middleton, WI
Software Engineer
- **Led development of automated build pipeline diagnostic tooling** written in C# for all Call of Duty titles.
- **Delivered key gameplay features** from previous iterations of Call of Duty by integrating C++, Lua, and Script
- **Maintained and extended launcher tools** written in C# and python used by engineers across all of Activision
- **Developed best-in-business-unit workflows** by automatically propagating data from user requests to Jira, using the Slack Bolt SDK for Python and Docker
- **Top performer** on my team, which sets the standard for our counterparts across the organization.

2020-2021 **HAREBRAINED SCHEMES**   Kirkland, WA
Software Development Engineer in Test
- **Acted as lead engineer** on a project to **create initial testing infrastructure** (test harness, controller etc) in Python and **editor tooling to run tests directly in Unity** using C# for multiple game teams.
- **Developed CI/CD infrastructure** (monitoring dashboard and base tests) using SQL and Elasticsearch+Kibana to allow insight into overall test pass/failure rates.
- **Led adoption of automated testing** into continuous integration pipeline.
- **Mentored junior teammates in writing test cases in Python** and best practices for working in a distributed collaborative environment.

2018-2020 **CENTENNIAL BIODEVELOPMENT**   Woodinville, WA
Founder
- Directed laboratory construction and equipment acquisition process.
- Designed laboratory space, tooling and operations for processing hemp biomass into CBD isolate.

2017 **SUN TRADING, LLC**   Chicago, IL
Developer Intern
- **Developed Python library** for interacting with company's internal DHCP host configuration database.
- **Mitigated downtime** by creating Flask (Python) dashboard to monitor trading system health.
- Audited quality of captured market data by scripting **automated consistency checks** in Python.
- **Added features to C++ market data parsers** to give traders new options for analysis.

2014-2016 **MICROSOFT (CONTRACTED BY HCL AMERICA)**   Redmond, WA
Software Engineer
- Right-To-Left Language UI Internationalization (Arabic and Hebrew) for MS Office for Mac
- Interviewed and **hired 8-member** vendor **development team.**
- **Developed new automated test coverage** in Objective-C for First Run Experience, setting configuration before tests and cleaning machine state after tests.
- **Developed internal tools** (valued at $200,000) written in Objective-C to aid the development of new authentication features using the Mac and iOS system keychains.
- Improved reliability of existing automated test suite to >95% pass rate.

2013-2014 **LUX LABORATORIES**   Las Vegas, NV
Software Engineer
- **Developed HIPAA-compliant iOS applications in Objective-C** to administer psychological evaluations and released for enterprise deployment.
- **Database analysis and reporting** using Crystal Reports, Python, SQL, Microsoft Access, and Excel, increasing revenue from routine medical procedures.

SHIPPED TITLES

- **Call of Duty: Modern Warfare III** Activision-Blizzard (Raven Software), 2023
- **Call of Duty: Warzone Pacific** - Activision-Blizzard (Raven Software), 2021
- **Call of Duty: Modern Warfare II** - Activision-Blizzard (Raven Software), 2022
- **Call of Duty: Warzone 2.0** - Activision-Blizzard (Raven Software), 2022
- **The Lamplighter's League** - Paradox Interactive (Harebrained Schemes), 2023

PERSONAL PROJECTS

- **Apocryphon** (Working Title)- Roguelike hex-based RPG built in the Unreal Engine in C++ and Blueprints
- **Royal Game of Ur** - Two player board game based on ancient strategy game. Built using Unity (C#).
- **Auction House Browser** - Browse live World of Warcraft auction data on your iPad. Released to the Apple App Store in 2015, built in Objective-C.

EDUCATION

2016-2018 **UNIVERSITY OF CHICAGO**   Chicago, IL
Master of Science in Computer Science
- Specialization in high-performance computing.
- GPA: 3.78

2008-2012 **UNIVERSITY OF CHICAGO**   Chicago, IL
Bachelor of Science in Chemistry
- University of Chicago Merit Scholarship, National Merit Scholarship, Dean's List