Anthony John Burzillo

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Work Experience

Bloomberg L.P. New York, NY
Engineer with DevX: Static Analysis & Automated Refactoring May 2018 - Present
- Created individual tools to analyze the existing codebase using Haskell and C++ to perform general tasks of bug/anomaly detection and refactoring
- Employed Python to create user-driven static analysis tooling for much larger sets of code tools
- Contributed a constant propagator framework to open source for creating propagations of deterministic constants through C/C++ function sources for use in static analysis

BurzNest LLC New York, NY
Founder & CEO March 2018 - Present
- Executed on a business plan to create an Ethereum gaming company
- Developed from end-to-end the game King of Eth, released in October 2018
- Established an extensive knowledge of distributed contracts programming, with King of Eth spanning 19 contracts developed in Solidity

Bloomberg L.P. New York, NY
Infrastructure Champion with Listed Derivatives June 2015 - May 2018
- Designed and maintained a non-transactional in-memory database for the large volumes of read and writes per second
- Developed low-latency, real-time services backing applications for traders in the listed options market, churning out pricing, volatility, and greeks on the order of milliseconds
- Packaged and maintained both internal and third-party libraries for distribution throughout engineering
- Created Chef scripts to facilitate quick machine configurations and turnarounds in both a cloud and server backed environment

Bloomberg L.P. New York, NY
Financial Software Intern with Bloomberg Intelligence May - August 2014

Mission Data Washington, DC
Backend Development Intern May - August 2013

Technical Skills

- **Languages:** C/C++, Haskell, Python, JavaScript, Solidity, Ruby, OCaml, Java, C#, bash, LaTeX
- **Frameworks:** Chef, Django, Docker, React, Ruby on Rails, web4, Yesod
- **Operating Systems:** Linux (RHEL/CentOS & Ubuntu), Mac OSX, Windows, Solaris, AIX
- **Software:** vim, tmux, git, geth, dpkg, quilt, Mathematica, Microsoft Office

Talks

F-Algbras or: How I Learned to Stop Worrying and Love the Type System New York, NY
NY Haskell Meetup November 2016

Education

The Johns Hopkins University Baltimore, MD
B.A. in Mathematics, B.S. in Computer Science May 2015
GPA 3.54; Dean's List – Fall 2011, Spring & Fall 2012

Self-taught Programmer Summer 2001