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 - November 2018
- 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

Technical Skills

- **Languages:** C/C++, Haskell, Python, JavaScript, Solidity, Ruby, OCaml, Java, C#, bash, LaTeX
- **Frameworks:** Chef, Terraform, 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
- **AWS:** Lambda, EC2, RDS, Route 53, API Gateway, CloudFront

Talks

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

The Good, the Bad, and the Ugly: Haskell in Enterprise   New York, NY
NY Haskell Meetup   May 2019

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