

James "Trey" Del Bonis, III

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(Available: June → December 2019)

Local Address
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Permanent Address
1 Jennifer Ln.
North Smithfield, RI 02896

Education

Northeastern University

2016 - present

College of Computer and Information Science

Bachelor of Science in Computer Science (expected graduation 2020-2021)

Relevant Skills

Core Base of Expertise

- Java (8 yrs.)
- Linux/Unix (6 yrs.)
- Rust (3 yrs.)
- Git (6 yrs.)
- Go (1 yr.)
- Bash (5 yrs.)

Other Familiar Technologies

Languages: Python, C, C#, x86+MIPS assembler, HTML/CSS, JavaScript, (My)SQL, Lua
Tools: Emacs, Docker, NGINX, Apache, MongoDB, Maven, Gradle, Unity3D, Blender
OSes: Linux (Debian, Ubuntu, Arch), Android, Windows (XP→10), macOS
Misc: Raspberry Pi, Arduino, Cryptocurrencies, Blockchain, REST

Work Experience

MIT Digital Currency Initiative, Lit Developer

2018

- Continued development on the Lit project to improve reliability and extensibility
- Retrofitted a vending machine to take Lightning payments of Bitcoin from mobile phones
- Developed new design for Lightning called Fulgurite, focus on reliability and flexibility

NEU ResNet Resource Center, Technician

2016 - present

- Test network infrastructure, develop and maintain office server hardware and software
- Build software tools, using Kubernetes, OpenVZ, NGINX, and others

Projects (full list available on website)

Lit (Go)

2018

- Lightning network implementation facilitating cryptographically-secure instantaneous Bitcoin payments
- Engine for engaging in discreet log contracts for futures trading on Bitcoin

Neocore (Java)

2016

- Player data management and monitoring system for commercial Minecraft servers, built for scalability

Other Interests

NU Hacks, former Vice-President

2016 - present

- NU Hacks is a computer and programming enthusiast group

Boy Scouts of America, Eagle Scout

2009 - 2016