# Aditi Dass

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## Summary

Recent Masters in Computer Science graduate. 1+ year cumulative experience in full-stack development and applied cryptography. Adept and adaptive learner - previous internship involved different stacks for each new project. Enthusiastic researcher and contributor of digital decentralized systems.

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## Technical Profile

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| Languages | Python, JavaScript, C, C#, Java, C++, GoLang |
| Back End | Node.js, AJAX, SQL, MySQL, MongoDB, PHP |
| APIs | Javax.Crypto, PyCrypto, TensorFlow, Binance, Quantopian |
| Web Design | HTML, CSS, JavaScript, D3.js |

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## Experience

**Software Application and Innovation Lab, Hariri Institute of Computing**       **Boston**
*Software Developer and Research Intern*                *May 2017 - Aug 2017*
• Designed a cryptographic protocol for privacy preserving data aggregation that was adopted by a NIH funded healthcare firm
• Co-managed project to transition backend framework from Java to JavaScript
• Developed AJAX API routes and models for $1M funded synthetic biological tool
• Implemented algorithm in C# for an untrusted, anonymous digital coin tumbler

*Software Developer Intern*                *May 2016 - Jul 2016*
• Assessed several open source backend frameworks based on individual project requirements
• Built accessible adaptive survey platform with Node.js frameworks and Ionic

**Boston University Venture Accelerator, BUZZ Lab**       **Boston**
*Technology Director*                *Sep 2016 - May 2017*
• Led consultations for startups' website/app development and advised on tech hiring decisions
• Worked with non-technical clients where software had to be illustrated across interdisciplinary fields

*Project Manager*                *Sep 2015 - May 2016*
• Mentored multiple startups at conception phase  in financial modeling and scaling to pitch successfully to investors

## Outreach

**Codebreakers 2016, LERNet**       **Boston**
*Undergraduate Coordinator*                *Jul 2016 - Aug 2016*
• Designed and developed teaching material and agenda for summer program
• Introduced female high schoolers to Python with a focus on cryptography and network security

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## Education

**Boston University**       **Boston**
*BA/MS in Computer Science, Minor in Mechanical Engineering*                *Sep 2013 - Dec 2017*
• Relevant Coursework: Machine Learning, Distributed Systems, Network Security, Applied Cryptography, Advanced Algorithms, Computer Networks, Software Engineering