

# Zuowen Tang

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## EDUCATION

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### Boston University

*Master of Science in Computer Science*

Boston, MA

Sep. 2021 – Aug. 2023

**Relevant Courses:** Cryptography, Network Security, Operating System, Enterprise Cybersecurity Management, Software Engineering, Web Application Development.

### St. John's College

*Bachelor of Liberal Arts*

Annapolis, MD

Aug. 2016 – May. 2020

## EXPERIENCE

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### Shenzhen Custos Culture Comm. & Tech Co., Ltd.

*Content Creator & Project Manager*

Shenzhen, China

Sep. 2020 – Aug. 2021

- Led the creation and design of educational videos and websites.
- Managed a major project creating a 12-book children's series on traditional education, overseeing design, team coordination, and compilation of materials.
- Recruited artists and managed cross-functional teams to deliver high-quality educational content.

### Quantitative Trading Internship

Beijing, China

Mar. 2016 – Jun. 2016

- Coded C++ trading algorithms for automated stock transactions.
- Analyzed market data using R script to inform efficient buy/sell decisions.
- Contributed to trading platform development with real-time data integration.

## PROJECTS

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### Cryptex24 Cipher Engine

- Developed a Python-based encryption machine using RSA and El-Gamal algorithms.
- Created programs capable of generating 24-bit private/public keys by implementing various algorithms such as BBS, Pollard's Rho and Naor-Reingold.
- Enabled encryption, decryption, and keyless decryption features.

### The Calorie Tracking Web Application

- Led security and QA in a Python/Django based app for tracking daily calorie intake.
- Coordinated project plans, schedules and assisted with IT technical writing in Jira.
- Delivered technical support on problems for users.

## SKILLS

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Jira, Python, Java, Django, Cryptography, Microsoft Office and Excel, Troubleshooting, Team Work, Leadership.