Siddhartha Bose

Product Focused, Technology Driven

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EXPERIENCE

Singapore Armed Forces — Corporal, *Software Engineer and Armament Technician*

Apr 2020 - PRESENT

- Pioneered digitalization of Operator Detected Defect (ODD) feedback procedures using Python and Heroku, thus avoiding over 100 potentially lethal incidents in 3 months since deployment and reducing repair times by over 50%
- Developed AED locator bot using Python and Telegram APIs to ensure technicians in the field are given directions to the nearest AED in case of emergency
- Liaised with superior officers across battalions to develop novel Standard Operating Procedures to ensure higher safety standards
- Launched "Introduction to Python" course to provide a foundation for the SAF's innovation initiative
- Led team of 7 soldiers in the maintenance of 19 FH2000 Howitzers for the 21st Singapore Artillery Battalion

Darktrace, Los Angeles — *Sales Engineering*

Nov 2019 - Mar 2020

- Spearheaded Proof of Value trials for network layer Cyber-Security platform across industry verticals
- Managed portfolio of over 20 post-sales accounts giving insight into clients' cyber-footprint

Standard Chartered Bank, Singapore — *Operations Strategy Intern*

Jul 2016 - Sep 2016

- Leveraged Tableau and Excel to synthesize bank's labor distribution to bring context to digitization initiative
- Conducted quantitative analysis of headcount deployments, staff activity and volume and cost dynamics to develop business strategy for back-office operations

PROJECTS

PigZ — *Contribution Project Manager, Software Engineer*

April 2019 - June 2019

- Managed Agile workflow environment and delegated tasks and roles for the entirety of the project using Trello
- Implemented GNU-friendly end to end option handling using C++
- Generated documentation and man-pages for new GZip

EDUCATION

UC Los Angeles (UCLA) — *B.S. Computer Science (3.60) B.A. Economics (3.51)*

Sep 2015 - Sep 2019

Specializations in Artificial Intelligence and Tech Management

Economics concentration in Game Theory, Econometrics, and Finance

TECHNICAL SKILLS

Programming Languages (Order of Preference):
- Python
- C++
- Java
- Lisp

Data Analysis: R, SQL, Microsoft Excel, Jupyter Notebook

AWARDS

Best Trainee Award at Ordnance Engineering Technical Institute

UCLA Dean's List: 3 terms

LANGUAGES

Fluent: English, Bengali, Hindi

Conversational: French