

## Appendix 1

### ADB Internship Assignment Proposal

(To be accomplished by Intern Supervisor/s)

<b>Reference No.</b> (for BPHP's use):		
<b>Position Title</b> (for BPHP's use):		
<b>Department and Division:</b> ITD - ITID		
<b>1. SUPERVISORS:</b>		
	<b>Name</b>	<b>Position Title</b>
① <b>Primary</b>	Chen Zhao	IT Specialist
② <b>Alternate</b>	Krista Lozada	IT Specialist
<b>2. ASSIGNMENT PURPOSE:</b>		
① <b>Internship Topic</b> <b>ADB Threat Hunter</b>		
② <b>Summary of Job Description</b>		
<ul style="list-style-type: none"><li>· Join ITD security operations team and hunt for threats within the ADB environment</li><li>· Learn about cyber security, risk and controls in an enterprise environment</li><li>· Evaluate existing models, algorithms and analytical approach built by ITD teams and / or previous interns to continuously enhance data-driven decision making for cyber security operations</li><li>· Work with internal and external specialists to develop "hunting missions" using threat intelligence, log data analysis and other security detection / response tools</li><li>· Participate in the process of eliminating false positives and eradicating threat actors</li><li>· Review alerts generated by ADB's existing security infrastructure for false positives and offer recommendations to find tune relevant detection rules</li><li>· Document work completed and new processes introduced with the help from ADB teams</li></ul>		
<b>3. PERIOD OF ASSIGNMENT:</b>		
① <b>Duration</b> (minimum of 8 weeks, maximum of 26 weeks) <u>Preferably 8 weeks</u>		
② <b>Timing</b> (earliest appointment: either January 2021 (1 <sup>st</sup> batch) or June 2021 (2 <sup>nd</sup> batch)) <u>January 2021</u>		
<b>4. LOCATION:</b> Manila		
<b>5. EXPECTED OUTCOMES:</b>		
<ul style="list-style-type: none"><li>- The intern improved understanding and gained hands on experience of cybersecurity operations in an enterprise environment</li><li>- Documented work performed, observations and lessons learned</li><li>- Established new, or improved existing experimental data model and underlying algorithms to support threat hunting activities</li><li>- Internship report in form of a presentation summarizing the preparation and result of the "hunting missions"</li></ul>		
<b>6. EDUCATION REQUIREMENTS</b> (specify any area of academic specialization):		
Advanced Engineering or Science degrees in the fields of Computer Science, Cybersecurity, Statistics, Mathematics, and other relevant fields		
<b>7. RELEVANT EXPERIENCE AND OTHER REQUIREMENTS:</b>		
Exposure to information security training is desired		
Experience in scripting languages such as Python is highly desired		
Experience in participating / achieving results in Capture-The-Flag (CTF) or other cybersecurity / information security competition is strongly preferred		