Alexander Wiegman

Authorized to work in the **United States** and **Japan** (Dual-Citizen)
CompTIA IT Certified – Security, Web Development, and Networks Professional
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Education

The University of Tokyo [UTokyo]   (Tokyo, Japan)   9/2015 – 9/2019
Bachelor's Degree in **Environmental Science**; **Minors** in **Informatics** & **Science and Technology Studies**

Work Experience

Cybersecurity Analyst   Pipeline Security, K.K. (Tokyo, Japan)   2/2019 – 7/2019
Set up a BIND DNS server with Response-Policy Zones and visualized internal data collected in Logstash and Kibana, practiced secure cloud VM maintenance, wrote four pages of feeds-list usage documentation, and interacted with three companies' support questions to our products. Investigated a spam domain filter listing due to a shared hosting provider's NS. Also securely wiped / re-imaged terminal machines in our office from installer disks as necessary.

Research Assistant   Ms. Mori, UTokyo (Tokyo, Japan)   9/2018 – 7/2019
Created 50+ webpages on the Global Faculty Development website, drafted and designed 10 bilingual teaching methodology event posters (attracting ~1000 attendees in total), and coached colleagues with our office technology problems. Also improved efficiency in data-entry workflow in our post-event surveys by creating a web input form.

Website Developer, Security Analyst   Junction Ltd. (Tokyo, Japan)   11/2016 - 5/2017
Protected information of 300 "hackers" by identifying a flaw in sharing permissions. Redesign of the hackathon's website in WordPress gave 500 participants and 50 others access to HTTPS security and improved page-loading.

Skills

Certifications / Licenses	CompTIA CDIA+, Mobility+ (both are lifetime), A+ (until 12/2020)
Operating Systems	Windows, Mac OSX, Fedora, Ubuntu, Debian, CentOS, ChromeOS
Programming, Scripting	UNIX bash, JavaScript, Python, HTML
Programs / Toolkits	VMware Workstation, Git, Vultr, WordPress/CMS, Let's Encrypt, Netlify, Google Maps and GCE API, Google Earth Engine, QGIS, OpenCV, TensorFlow, DNS/BIND, ssh, Elasticsearch, Logstash, Kibana (ELK)
Websites Created / Contributed	https://madicetea.me [2018-], https://peakstudentcouncil.org [-2019], http://www.gfd.c.u-tokyo.ac.jp [-2019], https://tokyo.hackjunction.com [-2017]
Accomplishments	Stanislaus County Seal of Multilingual Fluency in Japanese and English (2014), ICMCP Black Hat Academic Scholar (2017)

Projects

Future Prediction of Urbanization in Wildfire Areas   **https://github.com/MadIceTea/FUWRM**
Thesis investigation using QGIS and MOLUSCE (python neural network) with Google Earth Engine classified images. Analyzed risk trends in urbanization, population, wildfire spread, and environment in California, US & Victoria, AUS.

Informative Website for Student Activity   **https://github.com/PEAKStudentCouncil/website-prod**
Informs 200 people about student activities and meetings with professors. Stored in GitHub for open-contribution, built on Hugo, and deployed on Netlify. Uses JavaScript, HTML, and YAML for site configuration and CMS creation.