Alexander Wiegman

Authorized to work in the **United States** and **Japan** (Dual-Citizen)
Android, DevOps, and Website Developer – Remote Sensing Researcher – IT Certified
4-5-29 Komaba, Meguro Ward, Tokyo, JAPAN
+1 (209) 232 5769 or +81 (050) 5532 5574 – *alex@g.ecc.u-tokyo.ac.jp*

Skills

Certifications / Licenses	CompTIA CDIA+, Mobility+ (both are lifetime), A+ (until 12/2020)
Operating Systems	Windows, Ubuntu, Fedora Linux, and Mac OS X
Programming, Scripting	Python, HTML, UNIX, Ruby, R (confident), MATLAB, Java, SQL, and C (learning in-progress)
Familiar Tools	VMWare Virtual Guests, GIT, WordPress/CMS, Google Maps API, CircleCI Google Earth Engine, pix2pix-TensorFlow, Netlify, DNS, Let's Encrypt
Websites Created / Contributed	https:// madicetea.me, https://peakstudentcouncil.org, http://www.gfd.c.u-tokyo.ac.jp, https://tokyo.hackjunction.com [2016-2017]

Work Experience

Research Assistant   **Project Researcher Yoko Mori, UTokyo**   **9/2018 - (current)**
Modernizing and creating 25+ pages on Global Faculty Development website, designing four+ bilingual posters, co-editor of the ~200 page annual report on events, and coaching colleagues on technology problems in the Office.

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 in WordPress gave 500 participants and 50 others access to HTTPS security and improved page-loading.

Projects

Future Predictions on Urbanization via Image Pixels   **https://github.com/MadIceTea/LIDA**
Thesis investigation using QGIS and MOLUSCE (python neural network) on Google Earth Engine classified images. Discovering trends in urbanization, population change, natural resource overuse in US and Japan (tentative).

Transport Card-Reader Android App   **https://github.com/MadIceTea/balanceic/wiki**
Developed app in Java checking current value and 20-entries of history on two types of NFC Japanese metro cards.

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. Bolstered HTML and YAML files for site configuration and CMS creation.

Education

University of Tokyo   **(Tokyo, Japan)**   **9/2015 – 9/2019 (predicted)**
Bachelors of Environmental Science, **Minors** of **Informatics** & **Science and Technology Studies** (Major GPA: 3.55)

Modesto High School   **(Modesto, California, USA)**   **8/2012 – 5/2015**
International Baccalaureate Diploma, AP International Diploma, California High School Diploma   (GPA: 3.98)

Additional Experiences

Other	Native Japanese and English ability, ICMCP Blackhat Academic Scholar (2017), Project Management, studying for Network+/Security+/Amateur Radio license