Kevin **Gondokusumo**

SOFTWARE ENGINEER

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Education

National University Of Singapore (NUS)   *Singapore*
B.ENG. IN ELECTRICAL ENGINEERING (AI and Data Engineering Track)   *Aug 2017 - Jun 2021*

- Current Cumulative Average Point (CAP): 4.54/5.00 (expected First Class Honours)
- NUS Overeas College: NOC Israel Batch 18
- Coursework: Programming Methodology, Data Structure and Algorithms, Data Engineering Principles, Data Science for IoT, Image Processing

Experience

Anywhr   *Singapore*
SOFTWARE ENGINEERING INTERN   *Jul 2020 - Aug 2020*

- Anywhr is a **travel curator tech startup** which has been featured in The New York Times, CNBC, and CNA as well as supported by Singapore Tourism Board.
- Created **Global map travel ban** during COVID pandemic representing each country immigration status using **Mapbox** and **React**.
- Developed map interface to plan travel itinerary destinations around the world.

Activate Interactive   *Singapore*
SOFTWARE ENGINEERING INTERN   *Apr 2020 - Jul 2020*

- Built the **Singapore Customs website** for travellers to declare and pay customs duty , calculated various types of item gst payable and integrated **wirecard** for payment gateway using **React**.

Civdrone   *Tel Aviv, Israel*
SOFTWARE ENGINEERING INTERN   *Jan 2020 - Mar 2020*

- Civdrone is a **construction tech startup** which aims to automate land marking process using autonomous drones.
- Developed a **Desktop GUI** to launch drone on mission and observe the mission status on interactive map using **Electron**, **Mapbox**, and **React**

Micron Technology   *Singapore*
PRODUCT ENGINEERING INTERN   *Jul 2019 - Dec 2019*

- Developed a **Product Evaluation website** using **Django** to ease engineer job to remove Micron's defect products.
- Built **outlier detection** scripts using **Python Pandas** which able to analyze each trend's outlier distribution using Boxplots, Mean, Standard Deviation, etc. to set a failure limit across Micron's product.
- Extracted data using **SQL** query from Micron's product features database to perform failure and defect analysis.

Seagate   *Singapore*
PROCESS ENGINEERING INTERN   *May 2019 - Jul 2019*

- Evaluated the newly introduced equipment performance from the previous equipment by processing the equipment yield and temperature data using **Minitab** as the statistical analysis tool.

Skills

Web/App Development   React, Redux, Django, HTML5, CSS, Firebase, SQL, Mapbox GL
Programming   Node.js, Python, C, JavaScript, Electron, Pandas, Git, GitKraken

Projects

Live Coronavirus Pandemic Counter (https://github.com/Kevintirta/Corona_map_pandemic)
SELF INITIATED PROJECT WITH REACT AND MAPBOX

- Build a Live Coronavirus counter website with interactive map using **React**, **Firebase**, and **Mapbox GL** to observe the pandemic spread for each province in Indonesia and gained **1000+ views** within 3 weeks by **optimizing SEO**.
- **Scraped** the newest pandemic data regularly from Wikipedia using **Firebase Cloud Functions**.

Organizations & Competitions

2020	**Top 3 Finalist PROPCON Hackathon,** Built POC for efficient and cost friendly concrete temperature sensor	*Tel Aviv, Israel*
2019	**Resident Leader NUS,** Led 12 Cluster leaders organizing various workshops worth $11000 to 300 residents	*Singapore*
2018	**Head Ops and Logs NUSSU commIT,** Organized Chariteach 2018 to introduce Photoshop to underpriviledged kids.	*Singapore*