

# Chuu-Hsiang Hung

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**Portfolio** [naturalsmen.github.io/devportfolio](https://naturalsmen.github.io/devportfolio)

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**GitHub** [github.com/naturalsmen](https://github.com/naturalsmen)

## EDUCATION

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<b>Amherst, MA</b> <ul style="list-style-type: none"><li>• <b>Major:</b> M.S. in Computer Science</li><li>• <b>Programming Coursework:</b> Neural Networks, Machine Learning, Theory and Practice of Software Engineering</li></ul>	<b>University of Massachusetts Amherst</b>	<b>Sep 2019 – May 2021 (expected)</b>
<b>Hsinchu, Taiwan</b> <ul style="list-style-type: none"><li>• <b>Major:</b> M.B.A. in Business Administration (GPA: 4.0/4.0)</li><li>• <b>Programming Coursework:</b> Object-Oriented Programming, Data Structures, Operating System, Computer Network</li></ul>	<b>National Chiao Tung University</b>	<b>Sep 2014 – June 2018</b>
<b>Tainan, Taiwan</b> <ul style="list-style-type: none"><li>• <b>Major:</b> B.A. in Statistics (GPA: 3.03/4.0)</li><li>• <b>Programming Coursework:</b> Statistical Software and Drawing, Application of Statistical Software, Practice of Statistical Survey, Statistical Consulting</li></ul>	<b>National Cheng Kung University</b>	<b>Sep 2010 – June 2014</b>

## PROFESSIONAL EXPERIENCE

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<b>Software Engineer</b> <ul style="list-style-type: none"><li>• Developed an application in JavaScript that reduces customer problems by 30% by visualizing the virus detection progress.</li><li>• Developed a web application in Java that saves 20% time on the transmittal of suspicious files using Spring Framework.</li><li>• Built RESTful APIs in JavaScript that improves the integration test runtime by 80% using Node.js and Express.js.</li><li>• Assisted in the configuration of CI/CD environment that automates the release process by 80% using Gitlab CI/CD.</li></ul>	<b>Trend Micro</b>	<b>Sep 2018 – June 2019</b>
<b>Software Engineer</b> <ul style="list-style-type: none"><li>• Refactored quantitative frameworks up to 70% using R that interactively visualize the quantitative trading performance.</li><li>• Developed a responsive web application that showcases new features using HTML/CSS, JavaScript and R.</li></ul>	<b>Google Summer of Code</b>	<b>Apr – Aug 2016</b>
<b>Data Analyst, Intern</b> <ul style="list-style-type: none"><li>• Developed a task assignment application that increases the task handling rate by 20% using R, Bash, SQL and JavaScript.</li><li>• Built a machine learning model that predicts an improvement on the revenue by 30% using customer segmentation.</li></ul>	<b>PICK International Asset Management</b>	<b>July 2015 – Jan 2016</b>
<b>Data Analyst, Intern</b> <ul style="list-style-type: none"><li>• Developed a web application that was accepted by 70% colleagues by visualizing the risk level of different portfolios.</li><li>• Automated data process flow that saves 80% manual works using R and Bash.</li></ul>	<b>Cathay United Bank</b>	<b>July – Aug 2014</b>

## PROJECTS

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**Personal Website:** [naturalsmen.github.io/devportfolio](https://naturalsmen.github.io/devportfolio) (for additional information and projects)

**Elevation-based Navigation** (<https://github.com/TIP-ElNa/elevation-based-navigation>)

- Developing a live map that allows users to find itinerary with the least elevation using React.js and Redux.

## SKILLS

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**Software:** (*proficient*): Java, Python, R, JavaScript, Git (*familiar*): MySQL, MongoDB, HTML/CSS