HANLUN "Noah" SONG

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EDUCATION

University of Maryland, College Park, MD, USA   2012 - 2016
- **Master of Information Management,** Human Computer Interaction specialization
- **Master of Finance**

Zhengzhou University, Zhengzhou, Henan, China   2008 - 2012
- **Bachelor of Economics**
- **Bachelor of Business Administration,** awarded by Fort Hays State University, KS, US

WORK EXPERIENCE

American Institutes for Research, D.C., USA   Feb. 2017 - Current
Software Engineering and Data Visualization Specialist, Applied Software Engineering Group, Tech Solutions
- Developed data visualization, dashboard, and GIS application for various public and private sector clients, using tools including D3, Leaflet, Python, Vue, React, Tableau, and ArcGIS.
- Full stack web development with JavaScript, .Net, and PHP.
- Git, DevOps, *nix system administration, knowledge of SQL/NoSQL, and network protocols.
- Effective communication, good documentation, and comprehensible/reusable/scalable code.

Center for Open Data Enterprise, D.C., USA   Jul. 2016 - Jan. 2017
Technology Fellow
- Designed and implemented visualizations and website for the Open Data Impact Map, and Center for Open Data Enterprise's website, using D3, React, Leaflet, Webflow, and Balsamiq.
- Developed web applications with PHP, MySQL, Git, Linux, and AWS.

Elliott Management Corporation, NYC, NY, USA   Jun. - Aug. 2015
Research Intern, Research Department
- Assisted the development of internal SharePoint database to store reference documents for public record resources.
- Researched, collected, and imported public records to the system, for US, UK, Denmark, Bahamas, etc.
- Cleaned and re-organized market account and invoice data, working with the company's subscribed ledger service.

University of Maryland Institute for Advanced Computer Studies, College Park, MD, USA   Mar. - Apr. 2015
Research Assistant
- Assisted the development of a test data collection for information retrieval system.
- Analyzed the relevancy of documents from the data pool to given queries.

SIDE GIGS

Basil Labs, D.C., USA   Aug. 2019 - Jan. 2021
Data Viz and Web Developer
- Provided consultation regarding the development of web applications and visualizations.
- Developed and shipped several data viz and dashboard projects.

City78, D.C., USA   May 2018 - Jul. 2019
Data Viz and Web Developer
- Assisted the conceptualization and implementation of data driven products such as D.C. waterfront urban planning tool.
- Developed and delivered data visualizations for clients such as the Atlantic and CityLab.

Seafood Talk: A Dialogue Forum on US-China Trade, D.C., USA   Dec. 2012
Event Planning Assistant
- Assisted with planning event schedule and organizing activities.
- Coordinated communications among sponsors, planner, and participants.

SKILLS

- **Tech Stack**
  - **Frontend:** Vue, React, JavaScript, TypeScript, D3.js, Three.js
  - **Backend:** Node, ASP.NET, LAMP, SQL Server, MongoDB, Serverless, Docker
  - **CMS:** Drupal, DotNetNuke
  - **Mobile:** Flutter, PWA
  - **Other**: Python, C, ArcGIS, Tableau, NodeXL, Gephi
- **Design**
  - Figma, Affinity Designer, Blender
- **Language**
  - Fluent in English and Chinese
  - Basic Japanese