Contact

www.linkedin.com/in/tuanavu
(LinkedIn)
www.applydatascience.com/ (Blog)

Top Skills

Machine Learning
Python
R

Languages

English (Native or Bilingual)
Vietnamese (Native or Bilingual)

Tuan Vu

Data Engineer at Facebook
Irvine, California

Experience

Facebook
Data Engineer
June 2019 - Present (10 months)
San Francisco Bay Area

Viant Inc.
Data Scientist
2014 - June 2019 (5 years)
Irvine, CA

• Research, prototype and develop machine learning algorithms, and deep learning algorithms.

• Architect, develop and build data pipelines which process terabytes of data in distributed systems.

• Develop a parallel process on 4,000 nodes for mining massive datasets.

• Optimize queries using Google BigQuery to analyze large datasets for data mining, KPI reporting, and QA efforts.

• Build the Lookalike Modeling API as a self-service tool to improve the ability to generate new models.

• Use modeling and advanced analytics to drive business value and educate the organization about analytical concepts.

• Support Viant's ongoing research and ad network optimization efforts.

• Support cross-functional team on ad-hoc data requests, analysis, ETL, and data management.

• Working in data mining, algorithm development, statistical analysis, and machine-learning initiatives.

Launchpad - Government Cloud Solutions
Cloud Developer
2013 - 2014 (1 year)
Irvine, CA

• Design and develop Apex classes, Visualforce pages, and Apex Triggers.

• Automate processes using formula, validation rules, workflow and approvals.

• Experience with Workbench, Force.com, SOAP, and data migration.

• Using Java, JavaScript, and Ajax to build custom page and fix the limitations of Salesforce platform.
• Resolve technical issues in existing applications with mobile experience.
• Programming SQL and relational database, includes import, export data using dataloader.io.
• Manage, manipulate and analyze large datasets using R.
• Develop and manage friendly user interface in Salesforce.com.

Fortune and Venture
Software Engineer Intern
June 2012 - December 2012 (7 months)
Newport Beach, CA

• Designed Database, coded and implemented website fortuneandventure.com.
• Work remotely with software manager in UK.
• Develop Java Script solutions for Charts and Graphs.
• Recognize problems that need further investigation, help design and build intelligent system.
• Fix bugs, review code and work with other team to resolve issues.

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Education

The Johns Hopkins University
Data Science