NOAH BENAMAR ZHANG

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EDUCATION

Tufts University, Boston, MA   **Sep 2017 - May 2021**
B.S. in Computer Science, Minor in Finance
GPA: 3.7/4.0, Major GPA: 4.0/4.0
Honors: Dean's List (every semester)
Relevant Courses: Data Structures, Discrete Mathematics, Machine Structure and Assembly Language Programming, Web Programming, Computation Theory

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SKILLS

Languages: Fluent in English and French
Programming Languages: (Proficient) Java, C++, C; (Familiar) Python, Javascript, HTML, CSS
Frameworks and tools: Maven, Atlassian

PROFESSIONAL EXPERIENCE

Tufts University Department of Computer Science, Medford, MA, *Teaching Assistant*   **Jan 2019 - Present**
- Assist students in the completion of projects for Machine Structure and Assembly Language course

NextEra Energy, Juno Beach, FL, *IT Summer Intern*   **May 2018 - Aug 2018**
- Developed a Java plugin for Jira Service Desk that automates support team notification during high priority events
- Optimized gas infrastructure design using machine learning techniques in Python to improve well profitability and productivity
- Received the NextEra Energy Hackathon Best Use of Technology Award: Created an iOS app that uses Vuforia to display an augmented reality 3D model of a home created in Unity to visualize and manage smart home devices

Scripps Research Institute, Jupiter, FL, *Laboratory Intern*   **Jun 2016 - Aug 2016**
- Worked as a laboratory intern under Dr. Tina Izard in the Scripps Cancer Biology Department
- Her studies focused on the structure and function of cell adhesion in normal and malignant cells

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PROJECTS

National Annual Water Resources Conference (AWRA)   **Nov 2015 - Nov 2016**
- Conducted independent research and used Python programming skills to compare the effects of precipitation runoff to Lake Okeechobee releases in order to address inquiries raised by local government entities
- Presented to professionals at the 2015 AWRA conference in Denver, Colorado and 2016 AWRA conference held in Orlando, Florida

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ATHLETICS

Tufts University, *Varsity Swimmer*   **Nov 2017 – present**
- 15+ hours a week commitment