Bingling Dong

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EDUCATION:

- **SUNY Stony Brook University --- Stony Brook, NY**   *08/2017—05/2020*
  - Degrees: Bachelor of Science in Computer Science
  - Current GPA: 3.90/4.00

WORK EXPERIENCE:

- **Database and Web Support**   *12/2019—05/2020*
  - Maintain over 30 websites for CS Department of Stony Brook University.
  - Daily tasks include updating, debugging, and upgrading new features.
  - Related programming languages and frameworks: LAMP, Drupal 7, Perl, JavaScript, HTML, CSS.
- **Teaching Assistant**   *2018—2019*
  - Courses: Fundamentals of Software Development and Object-Oriented Programming.
  - Daily tasks include holding six office hours per week.
  - Related programming languages and techniques: Java, JavaScript, React, Database, MVC and other design patterns.

RESEARCH/PROJECTS:

- **Bingo:** React, Python, Django, Sqlite3, MaterialUI   *Spring 2020*
  - A team project to develop a website that provides college data for high school students.
  - Designed and wrote Software Requirements Specification document.
- **Twitter Clone:** React, MongoDB, NodeJS, ExpressJS, Ant Design   *Fall 2019*
  - A team project to develop a Twitter-like website on cloud.
  - Used microservers, load balancer and caching to improve performance and reliability.
- **Sahara:** JS, HTML, CSS, MySQL, NodeJS, ExpressJS, Handlebars, Bootstrap   *Spring 2019*
  - A team project to develop an E-commerce website.
  - Database schema designed in BCNF form.
- **Vertically Integrated Projects - PoliTech Team**: Python, Django, MySQL, JSON   *Spring 2019*
  - Research team to study political fairness when redistricting.
  - Topic: "How do you develop a web application that does gerrymandering fairly."
- **Course Site Generator:** JavaFX, Java, CSS, HTML, JSON, JavaScript   *Fall 2018*
  - A desktop application that generates a course website for a course based on user inputs.
  - Transaction Process System (undo/redo). Files saved/uploaded in JSON formats.
- **SB Diet:** Java, AWT, JavaFX   *Fall 2018*
  - 36 hours hackathon team project to develop a game with the goal to bring awareness to the connection between eating habits and health issues.

SKILLS:

- **Programming languages:** Java, JavaScript, Python, MySQL, MongoDB, HTML, CSS, C, JavaFX,
- **Frameworks/Libraries:** Django, NodeJS, Express, React, Ant Design, Bootstrap
- **Others:** Bilingual in English and Mandarin, Microsoft Certified