

## Ivan Kok

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### Education

**Lehigh University** - Bethlehem, PA

*Expected Graduation May 2020*

*Bachelor of Science in Computer Science and Business*

GPA: 3.73

**Relevant Courses:** Data Structures, Linear Methods, Financial Accounting, Programming Languages, Database Systems, Web Systems Programming, Software Engineering, Algorithms, and Blockchain Systems

### Experiences

**Bentley Systems, Software developer intern** – Philadelphia, PA

*May – August 2019*

- Discovered an open-source file watcher that fits the purpose for a syncing service between local computers and a remote server
- Parsed file-watching service's output to determine what logical file operations have taken place, such as adding, removing, renaming, and editing a file
- Wrote tests for my code using Jest, a JavaScript testing tool, which automates the manual file operations needed to test my program

**Dolomite, Front-end developer** - Bethlehem, PA

*July - December 2018*

- Learned React framework on the job to build the support website
- Used Git version control to collaborate with other team members

**Hutchison Port, Operations Intern** - Hong Kong, China

*June - August 2017*

- Applied Excel VBA to maximize port productivity with optimal terminal equipment
- Developed macros automating the model that predicts the correlation between adding additional resources and the marginal benefit (i.e. adding cranes and its effect on crate loading efficiency)

### Skills

**Computer Science:** Java, C, C++, SQL, Scala, Microsoft VBA, Git, Linux terminal, and Unreal Engine

**Web-development:** React Framework, JavaScript, Node, HTML, CSS, and jQuery

**Languages:** Fluent Mandarin, Fluent Cantonese

### Projects

**Personal Website – ivankok.com**

- Created my own personal website using HTML, JavaScript, and CSS to show my profile, projects, resume, and contact info
- Mobile responsive website that has a customized favicon and hosted live on the web

**Snake Game**

- Replicated the classic "Snake" arcade game in JavaScript using HTML graphical interface running on the browser, demo on <https://codepen.io/IvanKok/pen/JQzWEW>

### Leadership & Activities

Work-study assistant at Lehigh's Office of Student Engagement, Economics tutor for Center for Academic Success, Spring SERVE trip volunteer, Global Union Representative, and Project Ambassador for Engineers Without Borders Club