

Yuki de Pourbaix

Computer Science

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Education

Brown University - Providence, RI <i>Master of Science in Computer Science</i>	<i>GPA: 4.00/4.00</i>	<i>Expected May 2023</i>
Yale University - New Haven, CT <i>Bachelor of Science in Computer Science</i>	<i>GPA: 3.68/4.00 (first honors)</i>	<i>May 2020</i>
St. Paul's School - London, UK <i>High School Diploma</i>	<i>GPA: 3.94/4.00</i>	<i>June 2016</i>

Work Experience

Software Engineer (Intern) *September 2022 - Present*
Virtual Peaker (Remote)

- Self-service energy management platform that enables utility companies and collectives to optimise distributed energy resources, facilitates and automates customer engagement and forecasts energy usage through analytics.
- Implementing UI features, authenticated API routes and device simulators in Vue JS.

Co-Founder and Developer *August 2020 - Present*
Zenbu Ltd. (London, UK)

- Co-founded a full stack web design and development company, serving nonprofit, start-up and corporate clients.
- Managing end-to-end dedicated and cloud hosting solutions.
- Built and maintaining a server cluster with remote access control, dual stack networking and load-balancing.
- Multivariate testing and analytics-driven design centred around accessibility.
- Integrating existing CRM systems and database servers securely by OAuth 2.0 standard.

Venture Fellow *May 2021 - November 2021*
Laconia Venture Cooperative (Remote)

- Learned early-stage investing through a 6-month educational program hosted by Laconia.
- Participated in Laconia's investment processes, collaborated on due diligence, heard perspectives from industry leaders, shared expertise within the community, and collaborated with early-stage founders.

Undergraduate Learning Assistant *January 2017 - May 2020*
Yale Computer Science Department (New Haven, CT)

- Tutored students in an introductory programming class.
- Led weekly two-hour workshops to help students grasp Java-specific syntax and larger programming concepts.

Undergraduate Researcher for Research Project (Carbide) *January 2019 - May 2020*
Computer Systems Lab at Yale (New Haven, CT) and Peng Cheng Laboratory (Shenzhen, China)

- Deployed Carbide (a system that allows the use of multiple control planes on a software defined network) on seven test switches with a team of five at the Peng Cheng Laboratory in Shenzhen.
- Improved reliability and compatibility of Carbide's implementation within Microsoft's SONiC architecture in conjunction with representatives from Yale, PCL, Microsoft and H3C.

Student Collaborator for DAIS-ITA *May 2017 - August 2019*
Yale University (New Haven, CT) and University College London (London, UK)

- Student collaborator for the International Technology Alliance in Distributed Analytics and Information Sciences: Software Defined Coalitions Task Force.
 - Presented joint-research with IBM in London and New York as part of the P2 task force focused on Software Defined Networking.
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Skills

Native speaker in Japanese, proficient in Python, Java, C, C++, Rust, Javascript, HTML, CSS and SolidWorks.