

# Beatrice Dang

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## Education

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**RENSSELAER POLYTECHNIC INSTITUTE | TROY, NY | GRADUATION MAY 2024**

***BS Information Technology and Web Science, Minor in Architecture***

- 3.7 GPA, Dean's List (Fall and Spring, 2019-2023)
- Gamma Nu Eta Honor Society

## Skills

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### TECHNICAL

- *Development:* Python, C++, JavaScript, PHP, SQL, HTML & CSS, Github, Azure
- *Design:* Adobe Creative Suite, Wireframing, Figma, UX/UI Design, Graphic Design, 3D Modelling

### PROFESSIONAL

- Leadership, Project Management, Communication, Adaptability, Teamwork, Analytical Problem Solving, Empathetic Design

## Experience

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**FULL STACK DEVELOPMENT INTERN | JUN 2023 - CURRENT**

***SOCOTEC US, New York City***

- Initiated development of an internal full stack web application for managing IT assets using React with PHP/SQL Server backend
- Migrated data from software admin portals and Azure AD to SQL Server database to consolidate license tracking for over 500 employees and 10,000 associated software licenses (database design)
  - Data consolidation estimated to save over \$55K on current annual software renewals
- Developed a dynamic employee dashboard to streamline license tracking for administrative teams

**UX/UI DESIGNER AND CONSULTANT | JUN 2023 - CURRENT**

***Museum Association of New York, Troy NY***

- Designed wireframes and information architecture for an interactive website/virtual exhibit representing 12 New York state museums
- Conceptualized methods for visual storytelling with an emphasis on usability and accessibility
- Provided technical guidance, documentation and a development budget/schedule for grant applications

## Projects

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**SOUNDSCAPE ORIENTEERING APP - RPI CENTER FOR OPEN SOURCE | SPRING 2023**

- Collaborated with a team of developers on frontend of an accessibility-driven orienteering tool for the visually impaired (multiplatform application using Kotlin)

**UNIVERSELL RESELL APP - RPI | FALL 2022**

- Delegated and led workflow between teammates, drafted wireframes, developed frontend using HTML & CSS and documented a basic financial model

## Extracurricular

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- RPI Center for Open Source, Rensselaer Cybersecurity Collaborative