Aspen Tng

Systems-oriented UX designer from Singapore currently based in Seattle, WA

portfolio.aspentng.com · 1.323.690.7314 · aspentng@gmail.com · linkedin.com/in/aspentng

education

Master of Human Computer Interaction and Design
University of Washington

Bachelor of Fine Arts in Industrial Design
University of Illinois at Urbana-Champaign

expertise

Design system
Information architecture
Interaction design
Product thinking
Rapid prototyping
Systems thinking
User flows
User interviews
Visual design
Wireframing
Workshop facilitation

tools

daily

Asana
Figma
Writing

every other day

FigJam
Figma Slides
Git
HTML/CSS
Scripting with JavaScript

back pocket

LaTeX
Python
React

volunteering

Design mentor
MHCI+D mentorship program

selected experience

Amazon · UX Designer II   Seattle, WA · 2022 – Present

– Launched new unified learning management system platform to streamline admin content management and enhancing learning for 1.5M+ employees.

– Proposed and implemented design tokens into design system to empower 150+ engineers and designers to achieve greater visual design consistency and faster development cycles across 80+ Web and React Native products.

– Designed and launched localized self-service features for shift preferences and selection, and training scheduling, which increased warehouse associate application completion rates in the UK by 30%.

Ubicomp Lab · UX Designer   Seattle, WA · 2021 – 2022

– Co-authored ACM UIST 2022 paper on an augmented reality workbench that streamlines debugging of printed circuit boards by electrical engineers via data-driven recommendations from 10 usability studies.
  [paper: dl.acm.org/doi/10.1145/3526113.3545684]

GovTech, Singapore · Product Designer   Singapore · 2020 – 2021

– Designed and established digital driving license on app as officially recognized identification document for use in Singapore through close collaboration with Singapore Police Force.

– Created modular design templates and guidelines, and technical specs to facilitate discussions of new digital ID cards with other government agencies, reducing time taken for approval by 90%, from 18 to 2 weeks.

– Initiated and led team of 3 product managers, 12 engineers, and 6 designers to launch new design system, together with new visual design language and information architecture, to set stage for future features.

– Designed and launched new card carousel feature on app's homepage that securely stores user's digital ID cards to 4+ million users.

Cargill, Inc. · UX Designer Intern   Champaign, IL · 2019 – 2020

– Owned and delivered inventory management prototype for company integration (March 2021) by interviewing 7 site managers, leading UX design, and facilitating product owner meetings.

– Designed and developed functional MVP to evaluate product market fit of concept that connects farmers with agtech startups.