

TED CHU

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Former Test Engineer and Project Manager turned UX Designer seeking to bring test, research, design, and project management experience.

SKILLS

Interaction Design | User Interviews & Surveys | Wireframing | Prototyping | Usability Testing | Card Sorting | UI Design
Agile | Project Management | Sketch | Invision | Adobe XD | Adobe Creative Suite | Balsamiq

CERTIFICATIONS

UX Designer Certificate, CareerFoundry	10/2018
Software Product Management, Product School	2017
Fundamentals of Project Planning and Management, University of Virginia Darden School of Business	2016

UX PROJECTS

UX Designer – SCUBA

CareerFoundry | 05/2018 – 10/2018

- Designed 62 screens across multiple device types, desktop and mobile.
- Created paper sketches, wireframes, high fidelity designs, and prototypes using Sketch and Invision.
- Conducted user research with 4 live user interviews to test assumptions and empathize with users.
- Performed competitive analysis on 3 companies to find gaps in competing apps and websites.
- Created user journey maps and user task flows for 3 user personas using Adobe Suite.
- Coordinated card sorting and information architecture practices to determine site map and navigation.
- Designed usability test plans and executed 6 moderated in person usability tests for mobile and desktop.

WORK EXPERIENCE

Cymer LLC

Engineering Project Manager, Upgrades (Upgrade Integrator) | 01/2015 – 05/2017

- Orchestrated cross-functional teams of R&D, engineering, program, marketing, finance, and operations to execute 100+ upgrades, generating company revenue of \$200 million.
- Pioneered new processes for 5 job roles and deducted 10 hours per project during planning and execution stages.
- Improved uptime of lithography systems from 60% to 80% from executing 30+ projects plans.
- Reduced operational issues by 10% by authorizing 50+ decisions to accept or deny product readiness.
- Chaired meetings to get buy in from stakeholders and improve project plans with received feedback.
- Presented and negotiated strategy, project scope, project duration, and resource requirements with stakeholders.
- Headed daily meetings to review issues, progress, and status of project with our test and integration team.
- Authored status and key milestone deliverables in daily progress reports.

Test Engineer: International Assignment in Taiwan R.O.C. | 01/2014 – 01/2015

- Resolved 100+ issues and achieved 20% increase in performance on Global Fortune 500 customer system.
- Pioneered sustainable operations by training 10 members of our Taiwan team.
- Achieved product performance increase of 20% at customer site, increasing fabrication output rate of microchips.
- Presented concepts, tests, and rationale for running tests on customers systems to customer.
- Assembled iterative tests to determine optimal performance settings and root causes for low performance.

Test Engineer | 03/2012 – 01/2014

- Tested and validated new model laser assemblies and lithography systems.
- Furthered design of hardware assemblies by providing feedback to trigger design changes.
- Defined and wrote new procedures to teach engineers how to use and operate laser technologies.
- Handled 15+ global overseas customer trips and resolved major escalations in the field.

Field Service Engineer | 06/2011– 03/2012

- Handled 20+ global overseas customer trips and executed product installs and maintenance.
- Installed and upgraded 10+ lithography products using hands on hardware and electrical tools.

EDUCATION

B.S., Mechanical Engineering, University of California San Diego