

Chelsea Norrgård

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Work Experience

Danfoss Drives via Barona

Vaasa, Finland

PRODUCTION

June 2022 – February 2024

- Assembled frequency converters from frame to final product, including circuit boards, SKIIPs, and cabling.
- Performed post-production quality checks using automated test ovens.
- Logged all production steps in SAP, scanning barcodes to ensure traceability.
- Rotated across stations, working both independently and as part of a team.

InMedi Oy

Vaasa, Finland

REGISTERED NURSE

October 2020 – June 2022

- Provided overnight pediatric and hospice care for severely ill children, working independently in high-responsibility situations.
- Documented all care activities to ensure accurate and seamless handover to day teams.
- Maintained clear communication with families and care teams to support continuity of care.

Bishop, White, Marshall & Weibel

Seattle, WA, USA

LEAD FORECLOSURE CLERK

October 2012 – November 2014

- Supervised the File Opening Department and served as liaison between banks and internal processing teams.
- Conducted initial case checks, including property, financial, and judicial records.
- Designed and implemented an office-wide electronic tracking system, replacing a paper-based workflow and improving file traceability.
- Trained new staff and streamlined referral workflows through digital process improvements.

United States Department of State

Seattle, WA, USA

COMMUNICATIONS SPECIALIST

March 2007 – July 2012

- Acted as liaison between applicants, passport acceptance agents, and internal adjudication officers.
- Managed emergency passport requests, call support, and front-desk interactions.
- Handled mail intake and outgoing correspondence, including suspension letters for incomplete applications.
- Edited the monthly newsletter for acceptance agents across the region.

Projects

Wherels – Personal Inventory Mobile App

*React Native, Expo, JavaScript,
Google Maps API, Firebase*

CREATED AN ANDROID APP THAT LETS USERS TRACK PERSONAL BELONGINGS BY STORING ITEM NAMES, PHOTOS, NOTES, GPS COORDINATES, AND MAP-BASED LOCATIONS. THE APP USES FIREBASE FOR REAL-TIME DATA STORAGE AND PHOTO HOSTING, ENABLING SEAMLESS CROSS-DEVICE SYNC. INTEGRATED THE GOOGLE MAPS API FOR AN INTUITIVE, INTERACTIVE VIEW OF ITEM LOCATIONS. BUILT WITH REACT NATIVE, FOCUSING ON USABILITY WITH INTUITIVE FORMS, OFFLINE SUPPORT CONSIDERATIONS, AND RELIABLE CLOUD SYNCING TO MAINTAIN DATA INTEGRITY.

<https://github.com/chelseanorrgard/Wherels>

Risk Simulation Game Enhancement

*JavaScript, React, XLSX, HTML/CSS,
Jest*

LED A TEAM PROJECT TO MODERNIZE AND EXPAND A RISK SIMULATION GAME BY REFINING GAMEPLAY LOGIC, IMPROVING UI ACCESSIBILITY, AND ENHANCING CODE QUALITY. AS PROJECT MANAGER AND CORE CONTRIBUTOR, I COORDINATED TASK DELEGATION, IMPLEMENTED EXCEL EXPORTS, INTRODUCED A MODULAR ARCHITECTURE, AND INTEGRATED PROBABILISTIC RISK LOGIC. THE TEAM ADDED EDITABLE RISK ENTRIES, DYNAMIC UI UPDATES, CLEARER SCORING, AND PERFORMANCE LOGGING WHILE KEEPING THE APP LIGHTWEIGHT AND EASY TO MAINTAIN.

<https://github.com/elifurhann/RiskSimuApp>

CryptoKnit Cryptography & Steganography Tool

*JavaScript, React, HTML/CSS, PDF
Generation*

DEVELOPED A THESIS-ASSOCIATED WEB APPLICATION THAT COMBINES CRYPTOGRAPHY AND STEGANOGRAPHY BY ENCODING ENCRYPTED MESSAGES INTO KNITTING-BASED PATTERNS. IMPLEMENTED 18 CRYPTOGRAPHIC METHODS AND BUILT AN INTERACTIVE INTERFACE FOR GENERATING CIPHERS AND EXPORTING PRINTABLE KNITTING PATTERNS AS PDFs. THE PROJECT FOCUSES ON SECURE DATA TRANSFORMATION, CREATIVE VISUALIZATION, AND CLEAR PRESENTATION OF COMPLEX CRYPTOGRAPHIC CONCEPTS IN A LIGHTWEIGHT, BROWSER-BASED APP.

<https://crypto-knit.vercel.app/>

Education

Vaasa University of Applied Sciences

BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY

Vaasa, Finland

Sep 2022 – Expected Dec 2025/Jan 2026

Novia University of Applied Sciences

BACHELOR OF NURSING

Vaasa, Finland

Sep 2016 – Dec 2019

Washington State University

BACHELOR OF ARTS IN FINE ART AND COMMUNICATIONS

Pullman, WA, USA

Sep 2002 – Dec 2006

Skills

Technical Skills: JavaScript, React, Node.js, Python (intermediate), HTML5, CSS3, MongoDB, Firebase, Rust, Figma, Angular.js, Vista Create (formerly Crello), Azure, Git & GitHub (version control), Google Maps API, RESTful APIs, React Native, PowerShell, Angular.js, Power BI, Linux (primarily Kali and Ubuntu)

Language Skills: English (Native), Swedish (Good), Finnish (Satisfactory)