

# Ketib Oldiais

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## EDUCATION

### University of Wisconsin Law School

*Juris Doctor, Dean's Honor List*

Madison, WI

May 2022

### University of Illinois at Urbana-Champaign

*Bachelor of Arts in Philosophy, with Distinction*

Urbana, IL

May 2017

## EXPERIENCE

### Palau Community College

*Adjunct Instructor (Remote)*

Koror, Republic of Palau

August 2017 – December 2022

- Taught: Introduction to Philosophy, Logic, Discrete Mathematics, and Contemporary Privacy Issues.

### Wisconsin Supreme Court

*Judicial Intern to Justice Anne Walsh Bradley*

Madison, Wisconsin

May 2021 – August 2021

- Advised on legal issues of software licensing, data privacy, and software intellectual property.

### Law & Entrepreneurship Clinic

*Associate*

Madison, Wisconsin

May 2020 – August 2020

- Reviewed code and software architecture for startup companies reliant on cookies.
- Advised web startup founders on security vulnerabilities of their architectures.

## SKILLS

### Languages

- JavaScript, TypeScript, C, Python, HTML, CSS

### Technologies

- PostgreSQL, React, D3, ThreeJS, Redux, Node.js, Express, Docker, LaTeX, IndexedDB, Git

## PROJECTS

### Webtex

- A React rich text editor designed for taking mathematics and CS lecture notes. The text-editor supports plotting two- and three-dimensional functions, as well as basic spreadsheet operations. Data persistence is handled through the IndexedDB API.

### Algom

- A compiler for the Algom scripting language. Using a mixture of recursive descent and parser combinators for optimization, the compiler takes Algom source code, performs type checks, and transforms it into JavaScript source code. The Algom compiler allows Webtex to perform arbitrary function evaluation without using JavaScript's *eval* or *new Function* syntax.

### MathNotes

- Authored and continue to maintain a repository of math and CS notes for college students.

## LEADERSHIP

### Wisconsin Law Review

*Articles Editor*

Madison, Wisconsin

August 2021 – May 2022

- Reviewed academic articles for publication, focusing primarily on software and data privacy articles.