

# Dr. Justin Albert

## Software Developer

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### Profile

A mathematician and a web developer interested in solving the problems that face the world today.

### Experience

**Software Developer**, *Epic*, March 2021 to present

**Instructor**, *Virginia Commonwealth University*, Aug. 2016 to May 2020

**Assistant Professor**, *Carthage College*, Jan. 2013 to May 2016

**Lecturer**, *Alverno College*, Aug. 2012 to Dec. 2012

**Adjunct Faculty**, *Marquette University*, Aug. 2006 to Dec. 2012

### Education

**Ph.D.** in Mathematics, *Marquette University*, Milwaukee, WI. Dec. 2012

**B.A.** in Mathematics and Music, *Carthage College*, Kenosha, WI. May 2006

### Certificates

**Full-Stack Development**, *Northwestern University*, Evanston, IL. Dec. 2020

**.Net/C#**, *Epic*, Madison, WI. June 2021

### Publications

#### Bands with High Symmetry and Uniform Bands

Albert, J. (2012). *Bands with high symmetry and uniform bands*. Doctoral dissertation, Marquette University, Milwaukee.

#### Free Split Bands

Pastijn, E., Albert, J. Free split bands. *Semigroup Forum* 90 (2015): 753-762.

#### Semilattice Transversals of Regular Bands I

Pastijn, E., Albert, J. Semilattice transversals of regular bands I. *Communications in Algebra* 45 (2017): 4979-4991.

#### Semilattice Transversals of Regular Bands II

Pastijn, E., Albert, J. Semilattice transversals of regular bands II. *Semigroup Forum* 95 (2017): 423-440.

#### Uniform Bands

Albert, J., Pastijn, E. Uniform bands. *Proceedings of the Edinburgh Mathematical Society* (2) 57 (2014): 575-587.