

# Mark D. King

Information Systems Manager / Webmaster

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## PROFESSIONAL EXPERIENCE

### Information Systems Manager

Chesapeake Bay Governor's School for Marine and Environmental Science, Warsaw, VA, 2017–Present

Oversee multiple information systems, including Schoology SIS, Knack databases, and NWEA MAP testing.

- Manage student and faculty accounts in Schoology student information system; expand use of Schoology beyond our initial limited implementation; lead faculty workshops
- Implement Knack database management system to supplement our current student information system
- Manage NWEA MAP administrator accounts for 14 counties served by the governor's school; explore and implement applications of MAP testing data for student assessment

### Webmaster

Chesapeake Bay Governor's School for Marine and Environmental Science, Warsaw, VA, 2013–Present

Develop, maintain, and update content for the school website. Troubleshoot problems as necessary.

### Mathematics Teacher

Chesapeake Bay Governor's School for Marine and Environmental Science, Warsaw, VA, 2011–2018

Taught dual-enrollment courses in calculus and statistics at a regional public magnet school. Previously taught algebra II and pre-calculus.

- Designed current governor's school statistics curriculum.
- Led teacher development session on classroom applications of Arduino hardware and software. <sup>[1]</sup><sub>SEP</sub>
- Led grant-writing for three successful grants.
- Offered technology support for the Warsaw campus.

### Master Teacher, NASA Space Coast Scholars Program

NASA VA Space Grant Consortium, Hampton, VA, 2015–2017

Taught an online, STEM-based curriculum to high school students across Virginia and a week-long Space Coast Summer Academy at Wallops Island.

## SKILLS

C++

Ruby/Sinatra/Rails

JavaScript (jQuery)

HTML/CSS

RESTful API Design

SQL

JSON/YAML

Webmaster Services

WordPress

Student Information System Management

Database Implementation and Management

Data analysis

Microcontroller Programming

Critical Thinking

Organization

Stakeholder Communication

Grant Writing

Training and Professional Development

## PROJECTS

github.com/gute73

## EDUCATION

**Doctor of Philosophy**, Program in Ethics, Philosophy, and Politics in the Study of Religion, Indiana University, Bloomington, IN

**Master of Divinity**, Harvard University, Cambridge, MA

**Bachelor of Arts**, Speech Communication & Religious Studies, University of Richmond, Richmond, VA

## **Teacher Chaperone, Building Leaders for Advancing Science and Technology (BLAST) Program**

**NASA VA Space Grant Consortium, Hampton, VA, 2016, 2017**

Led a group of students through a four-day intensive science education and leadership camps at the University of Virginia (2016) and Old Dominion University (2017).

## **Summer STEM Camp Instructor/Curriculum Designer**

**Rappahannock Community College, Warsaw, VA, 2016, 2017**

Introduced advanced STEM topics to regional middle school students in week-long summer camp

- Taught students to use design software and a 3-D printer to brainstorm, engineer, and build their own inventions, including a capstone model rocket project.
- Co-designed curriculum for Arduino-based camp that introduced students to basic C++ coding and engineering concepts

## **CERTIFICATION**

Virginia Department of Education  
Postgraduate Professional License #PGP-0667794

Endorsements: Mathematics, Gifted Education

Dual-Enrollment Certification in  
Mathematics: Rappahannock Community College