

# LAURENS VAN BEEK

Software Developer · Iowa City, IA

(319) 382-6885 ✉ [ivanbeek@hekus.dev](mailto:ivanbeek@hekus.dev) ✉ [hekus.dev](https://hekus.dev)

Software developer seeking a challenging environment where technology is built with purpose, teams grow together, and the work leaves something worth looking back on.

## WORK EXPERIENCE

### Software Developer I

Sep 2019 – Present

Integrated DNA Technologies, Inc. · Coralville, IA · Sep 2019–Jul 2022 & Apr 2026–Present  
Integrated DNA Technologies, BV · Leuven, Belgium · Jul 2022–Apr 2026

- Develop and maintain internal .NET applications (WinForms, Blazor, RESTful web services, Windows services) supporting synthetic DNA manufacturing.
- Build software with direct PLC machine interaction, enabling automated control of DNA synthesis hardware.
- Manage Azure DevOps CI/CD pipelines, AWS databases, and Power BI reporting dashboards across multiple global teams.

### Undergraduate Research Assistant

Jun 2017 – Oct 2018

Visual Intelligence Lab · University of Iowa

- Built Unity3D virtual driving scene for driver-behaviour recognition via pose tracking.
- Assisted with Studio 360 (99-camera 4D scanning dome) setup and data processing.
- Co-designed a crowd-sourced 3D model segmentation Game with a Purpose (GWAP).

### Software Development Intern

Jul 2016 – May 2017

Edammo, Inc. · Iowa City, IA

- Developed AWS-hosted web products in C++, Python, and SQLite.
- Peer-programmed predictive/classification algorithms for financial analytics.

### Research Intern

Aug 2016 – May 2017

Dept. of Mechanical & Industrial Engineering · University of Iowa

- Developed C++ and Python code for classification algorithms.

### Instructor — Pre-Engineering Camps

Summers 2017 & 2018

College of Engineering · University of Iowa

- Designed and taught week-long robotics curriculum for students aged 10–15.

## LEADERSHIP

### Freemasonry

Ongoing

Worshipful Master: Clarksville Lodge No. 668 (2019) · Iowa City Lodge No. 4 (2022)

- Presides over lodge meetings; organises community events incl. the annual Hope Lodge Christmas Dinner.
- Manages and maintains websites for Iowa City Lodge No. 4 and Mt. Vernon Lodge No. 112.

## STUDENT ORGANISATIONS

### University of Iowa

EPX Studio Team Leader · Vice-President · President · Treasurer 2015–2019

Students in Technology and Sciences (SiTS) Founding Member & Treasurer 2019

- Held VP, President, and Treasurer roles across both orgs; managed event budgets of \$500–\$20k.
- Project Manager on three shipped game titles at EPX; founding Treasurer of SiTS.
- Organised fully-funded trips to Gen Con, the Game Developers Conference, and Train Jam via grants.

## EDUCATION

### University of Iowa

B.A. Computer Science

Minor: Art History

Graduated August 2019

## TECHNICAL SKILLS

### LANGUAGES

C# · Java · Python · SQL · HTML · C++

### DEVOPS & CLOUD

Azure DevOps · Git/GitHub · AWS · Databricks

### DATA & REPORTING

Power BI · SSMS

### COLLABORATION

Monday.com · Miro · GitHub Copilot

### DESIGN & OTHER

Unity3D · Visual Studio · Adobe Suite · MS Office · 3D CAD/CAM

## LANGUAGES

English

Native

Dutch

Native

## HONOURS

### Iowa Scholars Award

University of Iowa, Aug 2015

### Ben & Carol Ploof Award

Masonic scholarship, May 2015

### Iowa Youth Salute — Finalist

Feb 2015

## CIVIC & COMMUNITY

### Improve the Dream

Immigration Advocacy · Ongoing

- Advocates for legislation protecting children of legal immigrants who age out of the system due to visa backlogs.
- Testified before a U.S. Senate Budget Committee hearing on the effects of immigration policy.

### Hope Lodge Christmas Dinner

Iowa City · 2013 – present

- Annual dinner for Hope Lodge cancer patients with fellow Masons.

## INTERESTS

Virtual Reality · Augmented Reality · Game Development & Design · Freemasonry · Gaming

References available upon request